

Inventory of CGIAR Activities
in
Sub-Saharan Africa (1986)

Annex VI: List of CGIAR Activities
in Sub-Saharan Africa by Targeted Country

ISNAR

INTERNATIONAL SERVICE FOR NATIONAL AGRICULTURAL RESEARCH

ANNEX VI

List of Activities of CGIAR Centers by Targeted Country (1986)

Activity Description	Person Months in Country	Activity Codes		Commodities
** ANGOLA				
CIAT				
1 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.56	3.0	9.0	COMMON BEANS
ICRISAT				
2 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.49	3.1	0.0	MILLET
3 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	1.22	3.1	0.0	GROUNDNUT
4 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	0.86	3.1	3.2	MILLET
5 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	0.73	3.1	3.2	SORGHUM
6 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.37	3.1	3.2	SORGHUM MILLET
7 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.37	3.2	0.0	MILLET
8 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.37	3.2	0.0	SORGHUM
9 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.37	3.2	0.0	GROUNDNUT
10 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.37	3.2	0.0	GROUNDNUT
11 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.12	3.2	0.0	SORGHUM
IFPRI				
12 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3	
IITA				
13 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.88	9.4	0.0	CASSAVA
	6.82			
** BENIN				
CIMMYT				
14 GERMPLASM ENHANCEMENT	3.00	3.1	0.0	MAIZE
15 GERMPLASM TESTING	1.00	3.1	0.0	MAIZE
16 ASSESSMENT OF TRAINING NEEDS	0.25	9.1	0.0	MAIZE
IITA				
17 AGROECOLOGICAL CHARACTERIZATION	0.40	2.4	0.0	MAIZE CASSAVA COWPEA RICE YAM
18 INTEGRATED VEGETATION MANAGEMENT	1.35	3.2	0.0	MAIZE CASSAVA RICE COWPEA SOYBEAN
19 CROPPING SYSTEM RESEARCH	2.00	3.4	0.0	CASSAVA COWPEA MAIZE
20 STUDIES OF PLANT DENSITY, MULCHING & QUALITY OF PLANTING MATERIAL	0.78	3.4	0.0	YAM SWEET POTATO CASSAVA
21 SMALL FARM MECHANIZATION	2.38	5.3	0.0	MAIZE COWPEA CASSAVA RICE
22 STUDIES ON STORAGE TECHNOLOGY	0.15	6.1	0.0	YAM
23 ASSESSMENT OF TRAINING NEEDS: IBADAN	0.52	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
24 RESEARCH, PRODUCTION AND UTILIZATION COURSE	0.94	9.3	0.0	COWPEA SOYBEAN
25 RESEARCH PRODUCTION AND UTILIZATION COURSE, IBADAN	2.00	9.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN

26 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.88	9.4	0.0	CASSAVA			
27 CONFERENCES AND SEMINARS	4.50	12.1	0.0	CEREAL CROPS	GRAIN	LEGUMES	ROOT & TUBER
				PLANTAIN			
WARDA							
28 AGRO ECOLOGICAL CHARACTERIZATION	4.27	2.4	0.0	RICE			
29 AGRO-ECOLOGICAL CHARACTERIZATION	3.60	2.4	0.0	RICE			
	28.02						
** BOTSWANA							
CIAT							
30 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.56	3.0	9.0	COMMON BEANS			
IBPGR							
31 EQUIPMENT FOR GENE BANKS	0.14	1.0	0.0				
ICRISAT							
32 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	1.20	3.1	0.0	GROUNDNUT			
33 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.49	3.1	0.0	MILLET			
34 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	1.22	3.1	0.0	GROUNDNUT			
35 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	0.86	3.1	3.2	MILLET			
36 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	0.73	3.1	3.2	SORGHUM			
37 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.36	3.1	3.2	SORGHUM	MILLET		
38 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.37	3.1	3.2	SORGHUM	MILLET		
39 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.37	3.2	0.0	SORGHUM			
40 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.37	3.2	0.0	GROUNDNUT			
41 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.37	3.2	0.0	GROUNDNUT			
42 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.12	3.2	0.0	SORGHUM			
43 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.37	3.2	0.0	MILLET			
IFPRI							
44 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3				
IITA							
45 REGIONAL CROP IMPROVEMENT AND TESTING ZIMBABWE	1.65	3.1	0.0	COWPEA	SOYBEAN		
ILCA							
46 PASTORAL ECOLOGY	9.00	4.4	0.0				
ISNAR							
47 SOUTHERN AFRICA AG RES MANAGEMENT TRAINING PROJECT	1.30	9.1	9.5				
	19.59						
** BURKINA FASO							
CIMMYT							
48 GERMPLASM ENHANCEMENT	3.00	3.1	0.0	MAIZE			
49 GERMPLASM TESTING	2.00	3.1	0.0	MAIZE			

50 ASSESSMENT OF TRAINING NEEDS	0.50	9.1	0.0	MAIZE			
51 PRODUCTION TRAINING	0.25	9.3	0.0	MAIZE			
52 ADVISORY NARS	0.25	10.2	0.0	MAIZE			
	6.00						
IBPGR							
53 COLLECTING AND EVALUATION OF PEARL MILLET	4.20	1.0	0.0	MILLET			
54 MULTIPLICATION, CHARACTERIZATION, AND DOC. OF EGGPLANT	1.34	1.0	0.0	EGGPLANT			
ICRISAT							
55 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.20	2.1	0.0	MILLET			
56 MULTILLOCATION WATER BALANCE STUDIES IN NIGER	0.20	2.1	0.0	MILLET	SORGHUM	GROUNDNUT	COWPEA
57 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET	SORGHUM		
58 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.30	2.1	2.2	MILLET	COWPEA		
59 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET			
60 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET	COWPEA		
61 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT			
62 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET			
63 CLIMATIC DATA COLLECTION AND ANALYSIS FOR WEST AFRICA	0.90	2.3	2.4	MILLET	SORGHUM	GROUNDNUT	
64 YIELD TESTS AND EXCHANGE NURSERIES	0.79	3.1	0.0	MILLET			
65 REGIONAL AND INTERNATIONAL COOPERATION	0.81	3.1	0.0	MILLET			
66 POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.50	3.1	0.0	MILLET			
67 HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.95	3.1	0.0	SORGHUM			
68 POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.95	3.1	0.0	MILLET			
69 HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	1.58	3.1	0.0	SORGHUM			
70 GENETIC STRUCTURE OF PENNISETUM SPECIES	1.01	3.1	0.0	MILLET			
71 DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.20	3.1	0.0	MILLET			
72 HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W. AFRICA	1.58	3.1	0.0	SORGHUM			
73 DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.15	3.1	0.0	MILLET			
74 EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.90	3.1	0.0	SORGHUM			
75 MULTILOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.15	3.1	0.0	MILLET			
76 STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.48	3.1	0.0	MILLET			
77 HIGH YIELDING VARIET. FOR INTERMED. RAINFALL REG. W.AFRICA	1.58	3.1	0.0	SORGHUM			
78 COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.30	3.1	0.0	COWPEA	MILLET		
79 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.95	3.1	0.0	MILLET			
80 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.95	3.2	0.0	SORGHUM			
81 STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.20	3.2	0.0	MILLET			
82 DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF.	0.41	3.2	0.0	MILLET			
83 SCREENING FOR GRAIN MOLD RESISTANCE	1.28	3.2	0.0	SORGHUM			
84 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.95	3.2	0.0	SORGHUM			
85 SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.20	3.2	0.0	MILLET			
86 COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.37	3.2	0.0	MILLET			
87 USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.20	3.3	0.0	MILLET			
88 SOURCES AND MANAGEMENT OF PHOSPHORUS	0.41	3.3	0.0	MILLET	SORGHUM	COWPEA	
89 SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.30	3.3	0.0	MILLET	SORGHUM	COWPEA	
90 RELATIVE EFFICIENCY AND FATE OF SULPHUR FERTILIZERS	0.20	3.3	0.0	MILLET	SORGHUM	COWPEA	
91 RIDGING,PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.81	3.4	0.0	MILLET	COWPEA		
92 EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.30	3.4	0.0	MILLET			
93 SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.20	3.4	0.0	MILLET			
94 EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.30	3.4	0.0	MILLET			

95	MILLET BASED CROPPING SYSTEMS	1.11	3.4	0.0	MILLET	GROUNDNUT	COWPEA
96	IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.71	3.4	0.0	MILLET		
97	INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.30	3.4	0.0	MILLET	COWPEA	
98	EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.30	3.4	0.0	MILLET		
99	RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.53	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
100	COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.79	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
101	EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	1.06	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
102	FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.25	8.3	0.0	MILLET	SORGHUM	COWPEA GROUNDNUT
IFPRI							
103	CHANGING ROLE OF COARSE GRAINS IN WEST AFRICA	5.94	7.1	11.0	RICE	WHEAT	MILLET SORGHUM MAIZE
104	LABOR PRODUCTIVITY IN FOODGRAIN PRODUCTION IN SSA	1.50	8.1	12.3	MILLET	SORGHUM	
105	CHANGING ROLE OF COARSE GRAINS IN WEST AFRICA	7.26	8.2	7.1	RICE	WHEAT	MILLET SORGHUM MAIZE
106	CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3			
IITA							
107	SOIL AND WATER MANAGEMENT IN SEMI ARID CROPPING SYSTEMS	7.75	2.1	0.0	MAIZE	COWPEA	SORGHUM MILLET
108	UPLAND WATER CONSERVATION	4.60	2.1	0.0	MAIZE	COWPEA	RICE CASSAVA SOYBEAN
109	REGIONAL CROP IMPROVEMENT AND TESTING NIGER	1.56	3.1	0.0	COWPEA		
110	BREEDING FOR EARLY INTERMEDIATE MATURITY & DROUGHT STRESS	7.75	3.1	0.0	MAIZE		
111	BREEDING FOR APHIDS, BRUCHIDS, DROUGHT & STRIGA RESISTANCE	11.63	3.1	0.0	COWPEA		
112	MONITORING, ASSESSMENT & CONTROL OF INSECTS, DISEASES & WEEDS	7.70	3.2	0.0	RICE		
113	IPM OF MILLIPEDES, ARMY WORMS, STEM BORERS, AND TERMITES	1.62	3.2	0.0	MAIZE		
114	EVALUATION OF PEST AND ASSESSMENT OF YIELD LOSS	4.18	3.2	0.0	COWPEA		
115	INTERCROPPING, RELAY CROPPING & MANAGEMENT FACTOR STUDIES	5.81	3.4	0.0	COWPEA	MAIZE	SORGHUM MILLET
116	SOIL COMPACTION, TILLAGE, DROUGHT, AND STRESS STUDIES	7.75	3.4	0.0	MAIZE		
IRRI							
117	EDITING AND PUBLICATION TRAINING	0.36	9.5	0.0			
ISNAR							
118	BURKINA FASO RESEARCH ORG AND MANAGEMENT	9.25	10.2	10.3			
		123.51					
** BURUNDI							
CIAT							
119	GREAT LAKES REGIONAL BEAN RESEARCH PROJECT	21.78	3.0	9.0	COMMON BEANS		
CIP							
120	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	1.16	3.1	3.2	POTATO		
121	POTATO IMPROVEMENT PROGRAM IN BURUNDI	7.60	3.1	3.5	POTATO		
122	POTATO IMPROVEMENT PROGRAM IN BURUNDI	7.60	3.2	3.4	POTATO		
123	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	1.16	3.4	3.5	POTATO		
124	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.58	6.1	0.0	POTATO		
125	POTATO IMPROVEMENT PROGRAM IN BURUNDI	2.80	6.1	6.4	POTATO		
126	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.35	9.1	9.2	POTATO		
127	POTATO IMPROVEMENT PROGRAM IN BURUNDI	2.41	9.1	9.2	POTATO		
128	POTATO IMPROVEMENT PROGRAM IN BURUNDI	2.41	9.3	9.4	POTATO		
129	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.35	9.3	9.6	POTATO		

130	POTATO IMPROVEMENT PROGRAM IN BURUNDI	3.50	9.6	10.2	POTATO			
131	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.35	10.2	10.3	POTATO			
132	POTATO IMPROVEMENT PROGRAM IN BURUNDI	2.18	10.3	0.0	POTATO			
133	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.79	11.0	12.1	POTATO			
134	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.53	12.2	12.3	POTATO			
IBPGR								
135	COLLECTION, CHARACTERIZATION, AND CONSERVATION - VAR. CROPS	1.00	1.0	0.0	ROOT & TUBER	GRAIN	LEGUMES	CEREAL CROPS
136	FORAGE COLLECTING	1.00	1.0	0.0	BANANA			
137	TECHNICAL ASSISTANCE TO CEPGL PROJECT	4.08	1.0	0.0	FORAGES			
ICRISAT								
138	SORGHUM BREEDING FOR LOWLAND AREAS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM			
139	SORGHUM BREEDING FOR HIGHLANDS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM			
IITA								
140	AGRONOMIC TRIALS	0.07	3.4	0.0	CASSAVA	SWEET POTATO	YAM	
		63.16						
** CAMEROON								
CIP								
141	REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.96	3.1	3.2	POTATO			
142	REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.96	3.4	3.5	POTATO			
143	REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.98	6.1	0.0	POTATO			
144	REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.47	9.1	9.2	POTATO			
145	REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.47	9.3	9.6	POTATO			
146	REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.47	10.3	10.2	POTATO			
147	REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.49	12.2	12.3	POTATO			
IBPGR								
148	WILD CEREALS AND FORAGE COLLECTING	3.26	1.0	0.0	CEREAL CROPS	FORAGES		
IFPRI								
149	FOOD AID IN FOUR AFRICAN COUNTRIES	1.00	8.1	0.0				
150	AGRICULTURAL RESEARCH AND TECHNOLOGY, COMP STUDY OF 6 COUNTR	2.00	8.3	0.0				
IITA								
151	REGENER.&CONSERV. ROOT+TUBER CROPS THROUGH TISSUE CULTURE.	0.83	1.0	0.0	CASSAVA	YAM	SWEET POTATO	COCOYAM
152	GENETIC RESOURCES	1.20	1.0	0.0	CASSAVA	COCOYAM	YAM	
153	UPLAND WATER CONSERVATION	1.15	2.1	0.0	MAIZE	COWPEA	RICE	CASSAVA
154	LAND CLEARING AND EROSION CONTROL	3.56	2.2	0.0	MAIZE	COWPEA	CASSAVA	RICE
155	SOIL MANAGEMENT TO INCREASE PRODUCTIVITY	1.40	2.2	0.0	MAIZE	CASSAVA	COWPEA	RICE
156	AGROECOLOGICAL CHARACTERIZATION	0.40	2.4	0.0	MAIZE	CASSAVA	COWPEA	RICE
157	VARIETAL IMPROVEMENT	13.00	3.1	0.0	RICE			
158	BREEDING FOR HIGHER YIELDS	13.00	3.1	0.0	SORGHUM			
159	BREEDING FOR RESISTANCE TO STREAK RUST,BORER&STRIGA	27.00	3.1	0.0	MAIZE			
160	DEVELOPMENT OF IMPROVED BREEDING MATERIALS	4.41	3.1	0.0	SOYBEAN			
161	BREEDING MAIZE FOR RESISTANCE TO DISEASES INSECTS PESTS/WEED	18.60	3.1	0.0	MAIZE			

162 BREEDING FOR YIELD, DISEASES AND INSECT RESISTANCE	3.02	3.1	0.0	CASSAVA YAM SWEET POTATO COCOYAM
163 TISSUE CULTURE RESEARCH AND PHYSIOLOGY	0.94	3.1	0.0	PLANTAIN BANANA
164 BREEDING FOR YIELD & DISEASE & INSECT RESISTANCE	16.80	3.1	0.0	CASSAVA YAM COCOYAM SWEET POTATO
165 BREEDING AND VARIETAL IMPROVEMENT	11.00	3.1	12.1	RICE
166 IPM IDENTIFIC. ASSESSMT.OF PLANT DISEASES,INS.PESTS NEMATOD.	5.26	3.2	0.0	CASSAVA YAM SWEET POTATO
167 INTEGRATED VEGETATION MANAGEMENT	1.35	3.2	0.0	MAIZE CASSAVA RICE COWPEA SOYBEAN
168 PLANT PROTECTION	1.88	3.2	0.0	COWPEA SOYBEAN
169 STUDIES OF VIRUS DISEASES OF FOOD CROPS	2.20	3.2	0.0	GRAIN LEGUMES CEREAL CROPS ROOT & TUBER
170 BIOLOGICAL NITROGEN FIXAT. NUTRIENT RECYCL.&FERTILIZ.EFFICI.	3.46	3.3	0.0	PLANTAIN
171 INTERCROPPING, ROTATION AND SOIL FERTILITY	0.56	3.4	0.0	COWPEA SOYBEAN MAIZE CASSAVA FALLOW
172 STUDIES OF PLANT DENSIT.MULCHING&QUALIT.OF PLANTING MATERIA.	1.56	3.4	0.0	SPECIES
173 CROP PRODUCTIVITY AND MANAGEMENT	37.00	3.4	0.0	RICE
174 DEVELOPMENT OF TECHNOLOGY FOR SUSTAINABLE CROP YIELDS	5.61	3.4	0.0	YAM SWEET POTATO CASSAVA
175 CROP PRODUCTIVITY AND MANAGEMENT	8.00	3.4	0.0	MAIZE
176 CROP PRODUCTIVITY AND MANAGEMENT	4.12	3.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
177 AGRONOMIC TRIALS	3.00	3.4	0.0	PLANTAIN
178 CROP PRODUCTIVITY AND MANAGEMENT	13.00	3.4	0.0	SORGHUM MILLET
179 PLANT.MATERIAL PRODUCT. BY TISSUE CULTUR.&OTHER METHODS	0.60	3.5	0.0	PLANTAIN BANANA
180 PLANTING MATERIALS PRODUCT. BY TISSUE CULTUR.&OTHER METHODS	1.20	3.5	0.0	CASSAVA YAM COCOYAM SWEET POTATO
181 METHODOLOGY OF ON-FARM ADAPTATIVE RESEARCH	22.00	5.1	0.0	RICE
182 ON FARM ADAPTIVE RESEARCH METHODOLOGY	1.50	5.1	0.0	CASSAVA YAM SWEET POTATO COCOYAM
183 ON FARM ADAPTIVE RESEARCH METHODOLOGY	6.45	5.1	0.0	CASSAVA YAM SWEET POTATO
184 BIOCHEMICAL ASPECTS & NUTRITIONAL QUALITY STUDIES	0.33	5.2	0.0	MAIZE RICE
185 SMALL FARM MECHANIZATION	2.38	5.3	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN
186 SOCIO-ECONOMIC ANALYSIS OF CASSAVA CROPPING SYSTEMS	0.60	5.4	0.0	MAIZE COWPEA CASSAVA RICE
187 SOCIO-ECONOMIC ANALYSIS OF CASSAVA CROPPING SYSTEMS	11.40	5.4	0.0	CASSAVA YAM SWEET POTATO
188 STUDIES ON STORAGE TECHNOLOGY	0.30	6.1	0.0	MAIZE COWPEA CASSAVA RICE
189 RICE STORAGE RESEARCH	0.40	6.1	0.0	RICE YAM SOYBEAN PLANTAIN
190 AMYLASE, COOKING TIME, GELATINIZATION AND PROCESSING	1.74	6.2	0.0	CASSAVA MAIZE P.BEAN COCOYAM
191 MARKET AND CONSUMER STUDIES	6.00	6.4	0.0	YAM
192 MARKET AND CONSUMER STUDIES	0.45	6.4	0.0	RICE
193 MARKET AND CONSUMER STUDIES	0.05	6.4	0.0	RICE
194 PRODUCTION OF TRAINING MATERIAL	0.40	9.2	0.0	MAIZE RICE
195 RESEARCH AND PRODUCTION TRAINING COURSE	1.80	9.3	0.0	CASSAVA MAIZE COWPEA RICE
196 RESEARCH & PRODUCTION TRAINING COURSE	1.30	9.3	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN
197 RESEARCH PRODUCTION AND UTILIZATION TRAINING	0.90	9.3	0.0	RICE
198 RESEARCH AND PRODUCTION COURSE	0.34	9.3	0.0	CASSAVA YAM COCOYAM SWEET POTATO
199 RESEARCH AND PRODUCTION COURSE	0.49	9.3	0.0	CASSAVA YAM SWEET POTATO COCOYAM
200 POST-GRADUATE TRAINING	0.22	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
201 TRAINING ON VIRUS DISEASES OF FOOD CROPS	0.20	9.4	0.0	PLANTAIN
202 POST-GRADUATE RESEARCH TRAINING IN BIOCONTROL	0.12	9.4	0.0	MAIZE
203 SPECIALIZED RESEARCH TRAINING: IBADAN	0.31	9.4	0.0	RICE
204 NETWORKING	1.67	11.0	0.0	CASSAVA YAM SWEET POTATO COCOYAM
205 COLLABORATIVE RESEARCH NETWORK - IKTP - AFRICA	0.75	11.0	0.0	GRAIN LEGUMES CEREAL CROPS ROOT & TUBER
				PLANTAIN
				CASSAVA
				CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
				PLANTAIN
				CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
				PLANTAIN BANANA
				RICE

206 NETWORKING	0.33	11.0	0.0	CEREAL CROPS	GRAIN	LEGUMES	ROOT & TUBER
207 DOCUMENTATION AND LIBRARY	1.94	12.2	0.0	PLANTAIN	BANANA		
208 DISSEMINATION OF INFORMATION MATERIALS	5.18	12.3	0.0	CEREAL CROPS	GRAIN	LEGUMES	ROOT & TUBER
				PLANTAIN			
ILCA				CEREAL CROPS	GRAIN	LEGUMES	ROOT & TUBER
209 SUBHUMID ZONE PROGRAMME	5.40	4.0	5.0	PLANTAIN			
210 SMALL RUMINANT AND CAMEL GROUP	3.00	11.0	10.3	LIVESTOCK			
				LIVESTOCK			
ISNAR							
211 CAMEROON AG RESEARCH MANAGEMENT TRAINING	4.00	9.5	9.6				
212 CAMEROON - PRELIMINARY REVIEW MISSION	1.25	10.2	8.1				
	304.37						
** CAPE VERDE							
CIP							
213 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.56	3.1	3.2	POTATO			
214 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.56	3.4	3.5	POTATO			
215 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.28	6.1	0.0	POTATO			
216 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.42	9.1	9.2	POTATO			
217 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.42	9.3	9.6	POTATO			
218 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.42	10.3	10.2	POTATO			
219 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.14	12.2	12.3	POTATO			
	2.80						
** CEN AFRICN RP							
IITA							
220 POST-GRADUATE RESEARCH TRAINING IN BIOCONTROL	0.10	9.4	0.0	CASSAVA			
	0.10						
** CHAD							
ICRISAT							
221 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET	SORGHUM		
222 MULTILLOCATION WATER BALANCE STUDIES IN NIGER	0.20	2.1	0.0	MILLET	SORGHUM	GROUNDNUT	COWPEA
223 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.20	2.1	0.0	MILLET			
224 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.30	2.1	2.2	MILLET	COWPEA		
225 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET			
226 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET	COWPEA		
227 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET			
228 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT			
229 DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.15	3.1	0.0	MILLET			
230 STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.15	3.1	0.0	MILLET			
231 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.30	3.1	0.0	MILLET			

232	POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.30	3.1	0.0	MILLET		
233	YIELD TESTS AND EXCHANGE NURSERIES	0.25	3.1	0.0	MILLET		
234	REGIONAL AND INTERNATIONAL COOPERATION	0.81	3.1	0.0	MILLET		
235	GENETIC STRUCTURE OF PENNISETUM SPECIES	1.01	3.1	0.0	MILLET		
236	MULTILOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.15	3.1	0.0	MILLET		
237	DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.20	3.1	0.0	MILLET		
238	EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.29	3.1	0.0	SORGHUM		
239	HIGH YIELDING VARIET. FOR INTERMED. RAINFALL REG. W.AFRICA	0.50	3.1	0.0	SORGHUM		
240	HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.50	3.1	0.0	SORGHUM		
241	HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W. AFRICA	0.50	3.1	0.0	SORGHUM		
242	HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.30	3.1	0.0	SORGHUM		
243	POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.50	3.1	0.0	MILLET		
244	COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.30	3.1	0.0	COWPEA	MILLET	
245	SCREENING FOR GRAIN MOLD RESISTANCE	0.41	3.2	0.0	SORGHUM		
246	STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.20	3.2	0.0	MILLET		
247	DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF.	0.41	3.2	0.0	MILLET		
248	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.30	3.2	0.0	SORGHUM		
249	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.30	3.2	0.0	SORGHUM		
250	SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.20	3.2	0.0	MILLET		
251	COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.37	3.2	0.0	MILLET		
252	USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.20	3.3	0.0	MILLET		
253	SOURCES AND MANAGEMENT OF PHOSPHORUS	0.41	3.3	0.0	MILLET	SORGHUM	COWPEA
254	RELATIVE EFFICIENCY AND FATE OF SULPHUR FERTILIZERS	0.20	3.3	0.0	MILLET	SORGHUM	COWPEA
255	SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.30	3.3	0.0	MILLET	SORGHUM	COWPEA
256	IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.71	3.4	0.0	MILLET		
257	SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.20	3.4	0.0	MILLET		
258	INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.30	3.4	0.0	MILLET	COWPEA	
259	EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.30	3.4	0.0	MILLET		
260	MILLET BASED CROPPING SYSTEMS	1.11	3.4	0.0	MILLET	GROUNDNUT	COWPEA
261	RIDGING, PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.81	3.4	0.0	MILLET	COWPEA	
262	EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.30	3.4	0.0	MILLET		
263	EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.30	3.4	0.0	MILLET		
264	RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.17	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
265	COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.25	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
266	EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.34	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
267	FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.25	8.3	0.0	MILLET	SORGHUM	COWPEA GROUNDNUT

15.75

** CONGO

IITA

268 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS

0.88 9.4 0.0 CASSAVA

ILCA

269 SMALL RUMINANT AND CAMEL GROUP

1.50 11.0 10.3 LIVESTOCK

2.38

** EQUAT GUINEA

CIP

270 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.28	3.1	3.2	POTATO
271 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.28	3.4	3.5	POTATO
272 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.14	6.1	0.0	POTATO
273 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.21	9.1	9.2	POTATO
274 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.21	9.3	9.6	POTATO
275 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.21	10.3	10.2	POTATO
276 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.07	12.2	12.3	POTATO

1.40

** ETHIOPIA

CIAT

277 EASTERN AFRICA REGIONAL BEAN PROJECT	6.90	3.0	9.0	COMMON BEANS
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CIMMYT

278 GERMPLASM ENHANCEMENT AND CONSERVATION	0.50	3.1	0.0	WHEAT
279 GERMPLASM ENHANCEMENT	1.00	3.1	0.0	MAIZE
280 GERMPLASM ENHANCEMENT	6.00	3.1	0.0	WHEAT
281 GERMPLASM ENHANCEMENT	0.60	3.1	0.0	WHEAT
282 GERMPLASM TESTING	0.15	3.1	0.0	MAIZE
283 GERMPLASM TESTING	1.00	3.1	0.0	WHEAT
284 GERMPLASM TESTING	1.20	3.1	0.0	WHEAT
285 CROP PRODUCTION RESEARCH	0.40	3.4	0.0	MAIZE
286 CROP PRODUCTION RESEARCH	2.75	3.4	0.0	WHEAT
287 SOCIO ECONOMIC ANALYSIS	0.50	5.4	0.0	MAIZE WHEAT
288 ANALYSIS OF RESEARCH PRODUCTIVITY	0.12	8.3	0.0	MAIZE WHEAT
289 ASSESSMENT OF TRAINING NEEDS	0.45	9.1	0.0	MAIZE
290 ASSESSMENT OF TRAINING NEEDS	0.25	9.1	0.0	WHEAT
291 ASSESSMENT OF TRAINING NEEDS	0.25	9.1	0.0	MAIZE WHEAT
292 PRODUCTION OF TRAINING MATERIALS	0.35	9.2	0.0	MAIZE
293 PRODUCTION OF TRAINING MATERIALS	1.31	9.2	0.0	MAIZE WHEAT
294 PRODUCTION TRAINING	4.45	9.3	0.0	MAIZE
295 PRODUCTION TRAINING	2.12	9.3	0.0	WHEAT
296 PRODUCTION TRAINING	6.00	9.3	0.0	WHEAT
297 PRODUCTION TRAINING	0.40	9.3	0.0	MAIZE WHEAT
298 PRODUCTION TRAINING	4.81	9.3	0.0	MAIZE WHEAT
299 ADVISORY NARS	1.00	10.2	0.0	MAIZE
300 ADVISORY NARS	0.10	10.2	0.0	MAIZE
301 ADVISORY NARS	0.75	10.2	0.0	MAIZE WHEAT
302 WORKSHOP SEMINAR	1.25	12.1	0.0	MAIZE WHEAT

CIP

303 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	2.02	6.1	6.2	POTATO
304 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	2.02	6.1	6.2	POTATO
305 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	2.02	6.4	9.1	POTATO
306 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	2.02	9.2	9.3	POTATO
307 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	2.02	9.4	9.6	POTATO

IBPGR				
308 TECHNIQUES FOR SEED GENE BANKS	0.20	1.0	0.0	
309 EQUIPMENT FOR GENE BANKS	0.14	1.0	0.0	
ICARDA				
310 DETERMINATION OF CLIMATIC SUITABILITY FOR AGRICULTURE	1.20	2.3	2.4	
311 SCREENING FOR RESISTANCE TO APHIDS IN CEREALS	0.30	3.1	3.2	WHEAT BARLEY
312 INTERNATIONAL NURSERY PROGRAM ON FABA BEAN. CROP PRO RESERC	9.50	3.1	3.4	FABA BEAN
313 INTERNATIONAL NURSERY PROGRAM ON LENTIL AND CHICKPEA	5.60	3.1	3.4	LENTIL CHICKPEA
314 BARLEY IMPROVEMENT	2.00	3.1	12.3	BARLEY
315 CEREAL PATHOLOGY	0.10	3.2	12.0	WHEAT
316 CROP PRODUCTIVITY RESEARCH	0.35	3.4	9.6	WHEAT BARLEY
317 HUMAN RESOURCES ENHANCEMENT	3.59	9.0	0.0	BARLEY WHEAT
318 HUMAN RESOURCE ENHANCEMENT	2.00	9.3	9.4	FABA BEAN LENTIL CHICKPEA
319 HUMAN RESOURCES ENHANCEMENT	5.40	9.3	10.2	LIVESTOCK FORAGES
320 ECONOMICS OF FOOD LEGUME PRODUCTION AND MARKETING	0.40	10.2	8.2	FABA BEAN WHEAT
ICRISAT				
321 SORGHUM BREEDING FOR LOWLAND AREAS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM
322 SORGHUM BREEDING FOR HIGHLANDS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM
IFPRI				
323 CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3	
IITA				
324 REGIONAL CROP IMPROVEMENT AND TESTING TANZANIA	1.08	3.1	0.0	COWPEA SOYBEAN
325 RESEARCH AND PRODUCTION COURSE	0.20	9.3	0.0	MAIZE
326 TISSUE CULTURE TRAINING COURSE	0.06	9.4	0.0	CASSAVA SWEET POTATO COCOYAM YAM PLANTAIN
ILCA				
327 AGROCLIMATOLOGY	4.50	2.3	2.4	
328 SOIL SCIENCE AND PLANT NUTRITION	3.20	3.3	0.0	
329 EAST AFRICA RANGELANDS PROGRAMME	36.00	4.0	0.0	LIVESTOCK
330 LIVESTOCK PRODUCTIVITY AND TRYPANOTOLERANT GROUP	7.20	4.1	4.0	LIVESTOCK
331 ANIMAL NUTRITION SECTION	5.20	4.2	0.0	LIVESTOCK
332 FORAGE LEGUME AGRONOMY	9.60	4.2	4.4	FORAGES
333 ANIMAL REPRODUCTION AND HEALTH	7.20	4.3	0.0	LIVESTOCK
334 HIGHLANDS PROGRAMME	48.00	5.0	10.2	LIVESTOCK
335 DAIRY TECHNOLOGY	9.60	6.2	9.4	LIVESTOCK
336 PANESA	3.20	11.0	0.0	FORAGES
337 SMALL RUMINANT AND CAMEL GROUP	3.00	11.0	10.3	LIVESTOCK
IRRI				
338 PLANT GENETIC RESOURCE CONSERVATION AND MANAGEMENT. TRAINING	3.28	3.0	0.0	RICE
ISNAR				
339 ETHIOPIA REVIEW MISSION	12.50	10.2	0.0	
	240.97			

** GABON

IITA					
340 CONFERENCES AND SEMINARS	4.50	12.1	0.0	CEREAL CROPS	GRAIN LEGUMES ROOT & TUBER
	4.50				
ILRAD					
341 ILCA/ILRAD TRYPANOTOLERANT NETWORK	4.80	4.0	9.0	TRYPANOSOMIASIS	
	9.30				

** GAMBIA

ICRISAT					
342 MULTILLOCATION WATER BALANCE STUDIES IN NIGER	0.20	2.1	0.0	MILLET	SORGHUM GROUNDNUT COWPEA
343 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADOORE SOILS	0.20	2.1	0.0	MILLET	
344 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET	SORGHUM
345 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.30	2.1	2.2	MILLET	COWPEA
346 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET	COWPEA
347 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET	
348 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET	
349 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT	
350 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.30	3.1	0.0	MILLET	
351 STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.15	3.1	0.0	MILLET	
352 DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.15	3.1	0.0	MILLET	
353 POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.50	3.1	0.0	MILLET	
354 MULTILOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.15	3.1	0.0	MILLET	
355 YIELD TESTS AND EXCHANGE NURSERIES	0.25	3.1	0.0	MILLET	
356 GENETIC STRUCTURE OF PENNISETUM SPECIES	1.01	3.1	0.0	MILLET	
357 DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.20	3.1	0.0	MILLET	
358 REGIONAL AND INTERNATIONAL COOPERATION	0.81	3.1	0.0	MILLET	
359 POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.30	3.1	0.0	MILLET	
360 EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.29	3.1	0.0	SORGHUM	
361 HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.50	3.1	0.0	SORGHUM	
362 HIGH YIELDING VARIET. FOR INTERMED. RAINFALL REG. W.AFRICA	0.50	3.1	0.0	SORGHUM	
363 HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.30	3.1	0.0	SORGHUM	
364 HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W. AFRICA	0.50	3.1	0.0	SORGHUM	
365 COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.30	3.1	0.0	COWPEA	MILLET
366 SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.20	3.2	0.0	MILLET	
367 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.30	3.2	0.0	SORGHUM	
368 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.30	3.2	0.0	SORGHUM	
369 COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.37	3.2	0.0	MILLET	
370 DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF.	0.41	3.2	0.0	MILLET	
371 SCREENING FOR GRAIN MOLD RESISTANCE	0.41	3.2	0.0	SORGHUM	
372 STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.20	3.2	0.0	MILLET	
373 RELATIVE EFFICIENCY AND FATE OF SULPHUR FERTILIZERS	0.20	3.3	0.0	MILLET	SORGHUM COWPEA
374 SOURCES AND MANAGEMENT OF PHOSPHORUS	0.41	3.3	0.0	MILLET	SORGHUM COWPEA
375 USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.20	3.3	0.0	MILLET	
376 SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.30	3.3	0.0	MILLET	SORGHUM COWPEA
377 INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.30	3.4	0.0	MILLET	COWPEA
378 EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.30	3.4	0.0	MILLET	

379	RIDGING,PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.81	3.4	0.0	MILLET	COWPEA
380	EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.30	3.4	0.0	MILLET	
381	IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.71	3.4	0.0	MILLET	
382	SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.20	3.4	0.0	MILLET	
383	MILLET BASED CROPPING SYSTEMS	1.11	3.4	0.0	MILLET	GROUNDNUT COWPEA
384	EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.30	3.4	0.0	MILLET	
385	RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.17	8.3	0.0	SORGHUM	MILLET GROUNDNUT
386	COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.25	8.3	0.0	SORGHUM	MILLET GROUNDNUT
387	EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.34	8.3	0.0	SORGHUM	MILLET GROUNDNUT
388	FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.25	8.3	0.0	MILLET	SORGHUM COWPEA GROUNDNUT
IFPRI						
389	COMMERCIALIZATION OF SUBSISTENCE AGRICULTURE IN GAMBIA	27.00	7.1	8.1	RICE	GROUNDNUT MILLET
ILCA						
390	LIVESTOCK PRODUCTIVITY AND TRYPANOTOLERANT GROUP	7.20	4.1	4.0	LIVESTOCK	
391	ANIMAL NUTRITION SECTION	5.20	4.2	0.0	LIVESTOCK	
392	FORAGE LEGUME AGRONOMY	9.60	4.2	4.4	FORAGES	
ILRAD						
393	NDAMA CATTLE PRODUCTION	26.60	4.0	9.3	LIVESTOCK	
ISNAR						
394	GAMBIA AGRICULTURAL RESEARCH MANAGEMENT PROJECT	1.00	10.2	0.0		
WARDA						
395	PLANT PROTECTION: INSECTS,DISEASES,WEEDS,CRABS,RODENTS,ETC.	5.04	3.2	0.0	RICE	
396	CROP MANAGEMENT - AGRONOMY	5.40	3.4	0.0	RICE	
397	TECHNOLOGY ASSESSMENT AND TRANSFER	8.88	5.4	0.0	RICE	
398	POST-HARVEST TECHNOLOGY: POST-HARVEST LOSSES	7.20	6.0	0.0	RICE	
399	TRAINING COURSES: GRAIN-EATING BIRDS CONTROL	0.26	9.0	0.0	RICE	
400	TRAINING COURSES: AUDIO-VISUAL AND EXTENSION	0.28	9.0	0.0	RICE	
		119.41				
** GHANA						
CIMMYT						
401	GERMPLASM ENHANCEMENT	3.00	3.1	0.0	MAIZE	
402	GERMPLASM ENHANCEMENT	3.00	3.1	0.0	MAIZE	
403	GERMPLASM TESTING	1.00	3.1	0.0	MAIZE	
404	CROP PRODUCTION RESEARCH	3.00	3.4	0.0	MAIZE	
405	ASSESSMENT OF TRAINING NEEDS	0.25	9.1	0.0	MAIZE	
406	PRODUCTION TRAINING	1.00	9.2	0.0	MAIZE	
407	PRODUCTION TRAINING	14.00	9.3	0.0	MAIZE	
408	POST GRADUATE TRAINING	1.00	9.4	0.0	MAIZE	
409	ADVISORY NARS	0.75	10.2	0.0	MAIZE	
410	ADVISORY NARS	2.00	10.2	0.0	MAIZE	
411	ADVISORY NARS	2.00	10.2	0.0	MAIZE	
412	WORKSHOP SEMINAR	1.00	12.1	0.0	MAIZE	

IBPGR							
413	MULTIPLICATION, CHARACTERIZATION, AND DOC. OF EGGPLANT	1.34	1.0	0.0	EGGPLANT		
414	EQUIPMENT FOR GENE BANKS	0.14	1.0	0.0			
ICRISAT							
415	DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET	SORGHUM	
416	MULTILOCATION WATER BALANCE STUDIES IN NIGER	0.20	2.1	0.0	MILLET	SORGHUM	GROUNDNUT COWPEA
417	PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.20	2.1	0.0	MILLET		
418	EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.30	2.1	2.2	MILLET	COWPEA	
419	DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET		
420	WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT		
421	MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET	COWPEA	
422	PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET		
423	MULTILOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.15	3.1	0.0	MILLET		
424	REGIONAL AND INTERNATIONAL COOPERATION	0.81	3.1	0.0	MILLET		
425	DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.15	3.1	0.0	MILLET		
426	POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.30	3.1	0.0	MILLET		
427	GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.30	3.1	0.0	MILLET		
428	POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.50	3.1	0.0	MILLET		
429	GENETIC STRUCTURE OF PENNISETUM SPECIES	1.01	3.1	0.0	MILLET		
430	DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.20	3.1	0.0	MILLET		
431	YIELD TESTS AND EXCHANGE NURSERIES	0.25	3.1	0.0	MILLET		
432	STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.15	3.1	0.0	MILLET		
433	HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.30	3.1	0.0	SORGHUM		
434	COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.30	3.1	0.0	COWPEA	MILLET	
435	DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.37	3.1	0.0	SORGHUM		
436	HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W. AFRICA	0.50	3.1	0.0	SORGHUM		
437	HIGH YIELDING VARIET. FOR INTERMED. RAINFALL REG. W.AFRICA	0.50	3.1	0.0	SORGHUM		
438	HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.50	3.1	0.0	SORGHUM		
439	EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.29	3.1	0.0	SORGHUM		
440	DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF.	0.41	3.2	0.0	MILLET		
441	COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.37	3.2	0.0	MILLET		
442	STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.20	3.2	0.0	MILLET		
443	SCREENING FOR GRAIN MOLD RESISTANCE	0.41	3.2	0.0	SORGHUM		
444	SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.20	3.2	0.0	MILLET		
445	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.30	3.2	0.0	SORGHUM		
446	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.30	3.2	0.0	SORGHUM		
447	RELATIVE EFFICIENCY AND FATE OF SULPHUR FERTILIZERS	0.20	3.3	0.0	MILLET	SORGHUM	COWPEA
448	USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.20	3.3	0.0	MILLET		
449	SOURCES AND MANAGEMENT OF PHOSPHORUS	0.41	3.3	0.0	MILLET	SORGHUM	COWPEA
450	SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.30	3.3	0.0	MILLET	SORGHUM	COWPEA
451	SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.20	3.4	0.0	MILLET		
452	MILLET BASED CROPPING SYSTEMS	1.11	3.4	0.0	MILLET	GROUNDNUT	COWPEA
453	RIDGING, PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.81	3.4	0.0	MILLET	COWPEA	
454	EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.30	3.4	0.0	MILLET		
455	EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.30	3.4	0.0	MILLET		
456	EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.30	3.4	0.0	MILLET		
457	INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.30	3.4	0.0	MILLET	COWPEA	
458	IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.71	3.4	0.0	MILLET		

459	COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.25	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
460	EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.34	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
461	FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.25	8.3	0.0	MILLET	SORGHUM	COWPEA GROUNDNUT
462	RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.17	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
IFPRI							
463	POLITICAL ECONOMY OF AGRICULTURE PRICING POLICIES IN DEV.CON	3.50	8.2	11.0			
464	CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3			
IITA							
465	GERMPLASM COLLECTION, CONSERVATION EVALUATION AND RESEARCH	3.30	1.0	0.0	COWPEA	RICE	SOYBEAN ,BAMBARA GINUBY/MINOR LEGUMES
466	LAND CLEARING AND EROSION CONTROL	3.56	2.2	0.0	MAIZE	COWPEA	CASSAVA RICE
467	BREEDING MAIZE FOR RESISTANCE TO DISEASES INSECTS PESTS/WEED	9.30	3.1	0.0	MAIZE		
468	BREEDING FOR IMPROVED VARIETIES AND TESTING	11.00	3.1	0.0	COWPEA	SOYBEAN	
469	TISSUE CULTURE RESEARCH AND PHYSIOLOGY	0.84	3.1	0.0	PLANTAIN	BANANA	
470	PLANT IMPROVEMENT / INTERNATIONAL TESTING	0.22	3.1	0.0	SOYBEAN		
471	DEVELOPMENT OF IMPROVED BREEDING MATERIALS	4.41	3.1	0.0	SOYBEAN		
472	DEVELOPMENT OF IMPROVED BREEDING MATERIALS	4.78	3.1	0.0	COWPEA		
473	PLANT IMPROVEMENT/INTERNATIONAL TESTING	0.18	3.1	0.0	COWPEA		
474	BREEDING AND VARIETAL IMPROVEMENT	5.50	3.1	12.1	RICE		
475	BIOLOGICAL CONTROL OF CASSAVA MEALYBUG & GREEN SPIDER MITES	16.13	3.2	0.0	CASSAVA		
476	PLANT PROTECTION	3.59	3.2	0.0	COWPEA	SOYBEAN	
477	DEVELOPMENT OF TECHNOLOGY FOR SUSTAINABLE CROP YIELDS	4.13	3.4	0.0	CEREAL CROPS	GRAIN LEGUMES	ROOT & TUBER
478	CROP PRODUCTIVITY AND MANAGEMENT	2.48	3.4	0.0	PLANTAIN		
479	STUDIES OF PLANT DENSIT.MULCHING&QUALIT.OF PLANTING MATERIA.	1.56	3.4	0.0	PLANTAIN	BANANA	
480	BIOCHEMICAL ASPECTS & NUTRITIONAL QUALITY STUDIES	0.66	5.2	0.0	YAM	SWEET POTATO	CASSAVA
481	SMALL FARM MECHANIZATION	2.38	5.3	0.0	CASSAVA	YAM	SWEET POTATO
482	ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	0.63	5.4	0.0	MAIZE	COWPEA	CASSAVA RICE
483	ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	2.52	5.4	0.0	RICE	YAM	COCOYAM SWEET POTATO PLANTAIN
484	RICE STORAGE RESEARCH	0.20	6.1	0.0	CASSAVA	MAIZE	COWPEA SOYBEAN
485	STUDIES ON STORAGE TECHNOLOGY	0.30	6.1	0.0	RICE		
486	SOYBEAN UTILIZATION	0.52	6.2	0.0	YAM		
487	AMYLASE, COOKING TIME, GELATINIZATION AND PROCESSING	0.95	6.2	0.0	SOYBEAN		
488	VILLAGE LEVEL STUDIES OF PROCESSING	0.38	6.2	0.0	RICE		
489	MARKET AND CONSUMER STUDIES	0.45	6.4	0.0	SOYBEAN	CASSAVA	
490	MARKET AND CONSUMER STUDIES	0.05	6.4	0.0	CASSAVA	MAIZE	COWPEA RICE
491	PRODUCTION OF TRAINING MATERIAL	0.20	9.2	0.0	SOYBEAN	SWEET POTATO	YAM COCOYAM PLANTAIN
492	RESEARCH AND PRODUCTION COURSE	0.49	9.3	0.0	RICE		
493	RESEARCH AND PRODUCTION TRAINING COURSE	1.00	9.3	0.0	RICE		
494	POST-GRADUATE TRAINING	0.22	9.4	0.0	COWPEA	SOYBEAN	
495	POST GRADUATE AND SPECIALIZED COURSES	2.32	9.4	0.0	CASSAVA	YAM	SWEET POTATO COCOYAM
496	POST-GRADUATE TRAINING AND VISITING SCIENTISTS	4.26	9.4	0.0	CEREAL CROPS	GRAIN LEGUMES	ROOT & TUBER
497	POST-GRADUATE TRAINING	0.40	9.4	0.0	PLANTAIN		
498	POST-GRADUATE TRAINING AND VISITING SCIENTISTS	1.20	9.4	0.0	COWPEA	SOYBEAN	
499	SPECIALIZED RESEARCH TRAINING: IBADAN	0.31	9.4	0.0	RICE		
500	POST-GRADUATE RESEARCH TRAINING IN BIOCONTROL	0.24	9.4	0.0	CEREAL CROPS	GRAIN LEGUMES	ROOT & TUBER
					PLANTAIN		
					CEREAL CROPS	GRAIN LEGUMES	ROOT & TUBER
					PLANTAIN		
					CASSAVA		

501 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.88	9.4	0.0	CASSAVA			
502 POST-GRADUATE AND SPECIALIZED TRAINING	0.18	9.4	0.0	COWPEA			
503 NETWORKING	0.33	11.0	0.0	CEREAL CROPS	GRAIN	LEGUMES	ROOT & TUBER
				PLANTAIN	BANANA		
504 NETWORKING	1.67	11.0	0.0	CEREAL CROPS	GRAIN	LEGUMES	ROOT & TUBER
				PLANTAIN	BANANA		
505 DOCUMENTATION AND LIBRARY	2.75	12.2	0.0	CEREAL CROPS	GRAIN	LEGUMES	ROOT & TUBER
				PLANTAIN			
506 DISSEMINATION OF INFORMATION MATERIALS	4.32	12.3	0.0	CEREAL CROPS	GRAIN	LEGUMES	ROOT & TUBER
				PLANTAIN			
IRRI							
507 PLANT GENETIC RESOURCE CONSERVATION AND MANAGEMENT. TRAINING	3.28	3.0	0.0	RICE			
WARDA							
508 AGRO ECOLOGICAL CHARACTERIZATION	6.01	2.4	0.0	RICE			
509 TECHNOLOGY ASSESSMENT AND TRANSFER INCLUDING SOCIO-ECO STUD.	10.00	5.4	0.0	RICE			
510 TRAINING COURSES: GRAIN-EATING BIRDS CONTROL	0.54	9.0	0.0	RICE			
511 TRAINING COURSES: AUDIO-VISUAL AND EXTENSION	0.76	9.0	0.0	RICE			
	174.68						
** GUINEA							
ICRISAT							
512 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.19	2.1	0.0	MILLET			
513 MULTILLOCATION WATER BALANCE STUDIES IN NIGER	0.19	2.1	0.0	MILLET	SORGHUM	GROUNDNUT	COWPEA
514 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET	SORGHUM		
515 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.29	2.1	2.2	MILLET	COWPEA		
516 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET			
517 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET			
518 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT			
519 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET	COWPEA		
520 REGIONAL AND INTERNATIONAL COOPERATION	0.77	3.1	0.0	MILLET			
521 POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.30	3.1	0.0	MILLET			
522 HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.30	3.1	0.0	SORGHUM			
523 YIELD TESTS AND EXCHANGE NURSERIES	0.25	3.1	0.0	MILLET			
524 HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.50	3.1	0.0	SORGHUM			
525 MULTILLOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.14	3.1	0.0	MILLET			
526 DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.19	3.1	0.0				
527 GENETIC STRUCTURE OF PENNISETUM SPECIES	0.96	3.1	0.0	MILLET			
528 STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.15	3.1	0.0	MILLET			
529 COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.29	3.1	0.0	COWPEA	MILLET		
530 EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.29	3.1	0.0	SORGHUM			
531 POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.48	3.1	0.0	MILLET			
532 DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.14	3.1	0.0	MILLET			
533 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.30	3.1	0.0	MILLET			
534 HIGH YIELDING VARIET. FOR INTERMED. RAINFALL REG. W.AFRICA	0.50	3.1	0.0	SORGHUM			
535 HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W. AFRICA	0.50	3.1	0.0	SORGHUM			
536 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.30	3.2	0.0	SORGHUM			
537 DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF	0.38	3.2	0.0	MILLET			

538	SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.49	3.2	0.0	GROUNDNUT			
539	STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET			
540	SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET			
541	SCREENING FOR GRAIN MOLD RESISTANCE	0.41	3.2	0.0	SORGHUM			
542	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.30	3.2	0.0	SORGHUM			
543	COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.35	3.2	0.0	MILLET			
544	USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.19	3.3	0.0	MILLET			
545	RELATIVE EFFICIENCY AND FATE OF SULFUR FERTILIZERS	0.19	3.3	0.0	MILLET	SORGHUM	COWPEA	
546	SOURCES AND MANAGEMENT OF PHOSPHORUS	0.38	3.3	0.0	MILLET	SORGHUM	COWPEA	
547	SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.29	3.3	0.0	MILLET	SORGHUM	COWPEA	
548	IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.67	3.4	0.0	MILLET			
549	SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.19	3.4	0.0	MILLET			
550	INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.29	3.4	0.0	MILLET	COWPEA		
551	MILLET BASED CROPPING SYSTEMS	1.06	3.4	0.0	MILLET	GROUNDNUT	COWPEA	
552	RIDGING, PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.77	3.4	0.0	MILLET	COWPEA		
553	EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.29	3.4	0.0	MILLET			
554	EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.29	3.4	0.0	MILLET			
555	EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.29	3.4	0.0	MILLET			
556	COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.25	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
557	EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.34	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
558	FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.24	8.3	0.0	MILLET	SORGHUM	COWPEA	GROUNDNUT
559	RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.17	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
WARDA								
560	AGRO ECOLOGICAL CHARACTERIZATION	4.09	2.4	0.0	RICE			
561	PLANT PROTECTION: INSECTS, DISEASES, WEEDS, CRABS, RODENTS, ETC.	5.04	3.2	0.0	RICE			
562	CROP MANAGEMENT - AGRONOMY	5.40	3.4	0.0	RICE			
563	TECHNOLOGY ASSESSMENT AND TRANSFER	8.88	5.4	0.0	RICE			
564	TECHNOLOGY ASSESSMENT AND TRANSFER INCLUDING SOCIO-ECO STUD.	10.00	5.4	0.0	RICE			
565	POST-HARVEST TECHNOLOGY: POST-HARVEST LOSSES	2.40	6.0	0.0	RICE			
		51.55						
** GUINEA-BISSAU								
CIMMYT								
566	GERMPLASM ENHANCEMENT	0.30	3.1	0.0	MAIZE			
567	GERMPLASM TESTING	0.20	3.1	0.0	MAIZE			
568	ASSESSMENT OF TRAINING NEEDS	0.05	9.1	0.0	MAIZE			
569	PRODUCTION TRAINING	0.03	9.3	0.0	MAIZE			
570	ADVISORY NARS	0.03	10.2	0.0	MAIZE			
IITA								
571	RESEARCH & PRODUCTION TRAINING COURSE	0.23	9.3	0.0	CASSAVA	YAM	SWEET POTATO	COCOYAM
572	TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.88	9.4	0.0	CASSAVA			
		1.72						

** IVORY COAST

CIMMYT

573 GERMPLASM ENHANCEMENT	3.00	3.1	0.0	MAIZE
574 GERMPLASM TESTING	1.00	3.1	0.0	MAIZE
575 ASSESSMENT OF TRAINING NEEDS	0.25	9.1	0.0	MAIZE
576 PRODUCTION TRAINING	1.00	9.2	0.0	MAIZE
577 ADVISORY NARS	0.75	10.2	0.0	MAIZE

IBPGR

578 MULTIPLICATION, CHARACTERIZATION, AND DOC. OF EGGPLANT	1.68	1.0	0.0	EGGPLANT
579 CHARACTERIZATION OF DIOSCOEA SSP.	5.50	1.0	0.0	YAM
580 MULTIPLICATION, CHARACTERIZATION, AND DOCUMENTATION OF OKRA	6.25	1.0	0.0	OKRA
581 DEVELOPMENT OF IN VITRO COLLECTING FOR COCOS NUC. EMBRYOS	12.20	1.0	0.0	COCONUT

IFPRI

582 CHANGING ROLE OF COARSE GRAINS IN WEST AFRICA	5.94	7.1	11.0	RICE WHEAT MILLET SORGHUM MAIZE
583 CHANGING ROLE OF COARSE GRAINS IN WEST AFRICA	7.26	8.2	7.1	RICE WHEAT MILLET SORGHUM MAIZE
584 POLITICAL ECONOMY OF AGRICULTURE PRICING POLICIES IN DEV.CON	3.50	8.2	11.0	
585 CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3	

IITA

586 DEVELOPMENT OF IMPROVED BREEDING MATERIALS	3.03	3.1	0.0	SOYBEAN
587 TISSUE CULTURE RESEARCH AND PHYSIOLOGY	0.94	3.1	0.0	PLANTAIN BANANA
588 CROP PRODUCTIVITY AND MANAGEMENT	3.30	3.4	0.0	PLANTAIN BANANA
589 ON FARM ADAPTIVE RESEARCH METHODOLOGY	0.50	5.1	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN
590 ON FARM ADAPTIVE RESEARCH METHODOLOGY	2.15	5.1	0.0	MAIZE COWPEA CASSAVA RICE
591 ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	2.52	5.4	0.0	CASSAVA MAIZE COWPEA SOYBEAN
592 ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	0.63	5.4	0.0	RICE YAM COCOYAM SWEET POTATO PLANTAIN
593 VILLAGE LEVEL STUDIES OF PROCESSING	0.38	6.2	0.0	SOYBEAN CASSAVA
594 RESEARCH PRODUCTION AND UTILIZATION TRAINING	0.90	9.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
595 TISSUE CULTURE TRAINING COURSE	0.10	9.4	0.0	CASSAVA SWEET POTATO COCOYAM YAM PLANTAIN
596 NETWORKING	1.23	11.0	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN BANANA
597 NETWORKING	0.22	11.0	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN BANANA

ILRAD

598 ILCA/ILRAD TRYPANOTOLERANT NETWORK	4.80	4.0	9.0	TRYPANOSOMIASIS
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ISNAR

599 IVORY COAST - APPRAISAL OF NATIONAL RES PROJECT	1.25	8.3	10.2	
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WARDA

600 SOIL MANAGEMENT	5.20	2.2	0.0	RICE
601 AGRO ECOLOGICAL CHARACTERIZATION	8.46	2.4	0.0	RICE
602 PLANT PROTECTION: INSECTS, DISEASES, WEEDS, CRABS, RODENTS, ETC.	9.24	3.2	0.0	RICE
603 CROP MANAGEMENT: CROPPING SYSTEMS	12.00	3.4	0.0	RICE
604 CROP MANAGEMENT - AGRONOMY	18.90	3.4	0.0	RICE

605 SEED PRODUCTION	7.20	3.5	0.0	RICE
606 MECHANIZATION	5.40	5.3	0.0	RICE
607 TECHNOLOGY ASSESSMENT AND TRANSFER	16.28	5.4	0.0	RICE
608 TRAINING COURSES: SEED MULTIPLICATION	1.56	9.0	0.0	RICE

154.72

** KENYA

CIAT

609 EASTERN AFRICA REGIONAL BEAN PROJECT	5.75	3.0	9.0	COMMON BEANS
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CIMMYT

610 GERMPLASM PRESERVATION	0.60	3.1	0.0	MAIZE
611 GERMPLASM ENHANCEMENT AND CONSERVATION	0.40	3.1	0.0	WHEAT
612 GERMPLASM ENHANCEMENT	10.50	3.1	0.0	MAIZE
613 GERMPLASM ENHANCEMENT	2.50	3.1	0.0	MAIZE
614 GERMPLASM ENHANCEMENT	6.83	3.1	0.0	MAIZE
615 GERMPLASM ENHANCEMENT	4.80	3.1	0.0	WHEAT
616 GERMPLASM ENHANCEMENT	1.00	3.1	0.0	WHEAT
617 GERMPLASM TESTING	0.82	3.1	0.0	MAIZE
618 GERMPLASM TESTING	0.38	3.1	0.0	MAIZE
619 GERMPLASM TESTING	3.00	3.1	0.0	MAIZE
620 GERMPLASM TESTING	0.80	3.1	0.0	WHEAT
621 GERMPLASM TESTING	2.00	3.1	0.0	WHEAT
622 CROP PRODUCTION RESEARCH	1.00	3.4	0.0	MAIZE
623 CROP PRODUCTION RESEARCH	2.20	3.4	0.0	WHEAT
624 SOCIO ECONOMIC ANALYSIS	0.50	5.4	0.0	MAIZE WHEAT
625 ANALYSIS OF RESEARCH PRODUCTIVITY	1.00	8.3	0.0	MAIZE WHEAT
626 ANALYSIS OF RESEARCH PRODUCTIVITY	0.12	8.3	0.0	MAIZE WHEAT
627 ASSESSMENT OF TRAINING NEEDS	1.12	9.1	0.0	MAIZE
628 ASSESSMENT OF TRAINING NEEDS	0.20	9.1	0.0	WHEAT
629 ASSESSMENT OF TRAINING NEEDS	0.25	9.1	0.0	MAIZE WHEAT
630 PRODUCTION OF TRAINING MATERIALS	0.88	9.2	0.0	MAIZE
631 PRODUCTION OF TRAINING MATERIALS	1.31	9.2	0.0	MAIZE WHEAT
632 PRODUCTION TRAINING	4.20	9.3	0.0	MAIZE WHEAT
633 PRODUCTION TRAINING	11.12	9.3	0.0	MAIZE
634 PRODUCTION TRAINING	1.80	9.3	0.0	MAIZE
635 PRODUCTION TRAINING	1.70	9.3	0.0	WHEAT
636 PRODUCTION TRAINING	4.80	9.3	0.0	WHEAT
637 PRODUCTION TRAINING	0.40	9.3	0.0	MAIZE WHEAT
638 PRODUCTION TRAINING	4.81	9.3	0.0	MAIZE WHEAT
639 ADVISORY NARS	3.00	10.2	0.0	MAIZE
640 ADVISORY NARS	1.00	10.2	0.0	MAIZE
641 ADVISORY NARS	0.25	10.2	0.0	MAIZE
642 ADVISORY NARS	0.90	10.2	0.0	MAIZE
643 ADVISORY NARS	0.75	10.2	0.0	MAIZE WHEAT
644 WORKSHOP SEMINAR	0.30	12.1	0.0	MAIZE
645 WORKSHOP SEMINAR	1.25	12.1	0.0	MAIZE WHEAT

CIP					
646	REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	9.45	1.0	3.1	POTATO
647	REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	6.30	3.4	0.0	POTATO
648	REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	11.60	3.5	3.2	POTATO
649	REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	3.20	12.1	12.3	POTATO
IBPGR					
650	TECHNIQUES FOR SEED GENE BANKS	0.20	1.0	0.0	
651	COLLECTING WILD SPECIES OF ELEUSINE	1.02	1.0	0.0	FORAGES
652	COLLECTING AND CHARACTERIZATION, ALL CROPS	2.02	1.0	0.0	
ICRISAT					
653	SORGHUM BREEDING FOR LOWLAND AREAS OF EASTERN AFRICA	0.92	3.1	0.0	SORGHUM
654	SORGHUM BREEDING FOR HIGHLANDS OF EASTERN AFRICA	0.92	3.1	0.0	SORGHUM
IFPRI					
655	COMMERCIALIZATION OF SEMI-SUBSISTENCE FARMING, KENYA	91.00	7.1	8.2	MAIZE SUGAR CANE
656	FOOD AID IN FOUR AFRICAN COUNTRIES	1.00	8.1	0.0	
657	POLICY ISSUES FOR LONG-TERM GROWTH IN FERTILIZER USE IN E AF	2.60	8.1	9.4	
658	AGRICULTURAL RESEARCH AND TECHNOLOGY, COMP STUDY OF 6 COUNTR	2.00	8.3	0.0	
659	DATA NEEDS FOR FOOD AND AGRICULTURAL POLICY ANALYSIS	2.50	12.1	0.0	
660	CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3	
IITA					
661	BREEDING FOR YIELD & DISEASES & INSECT PEST RESISTANCE	1.67	3.1	0.0	CASSAVA SWEET POTATO YAM
662	REGIONAL CROP IMPROVEMENT AND TESTING TANZANIA	4.34	3.1	0.0	COWPEA SOYBEAN
663	STUDIES OF VIRUS DISEASES OF FOOD CROPS	2.20	3.2	0.0	GRAIN LEGUMES CEREAL CROPS ROOT & TUBER
					PLANTAIN
664	ASSESSMENT OF TRAINING NEEDS TANZANIA	0.90	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
					PLANTAIN
665	PRODUCTION OF TRAINING MATERIALS: TANZANIA	0.13	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
					PLANTAIN
666	RESEARCH PRODUCTION AND UTILIZATION COURSE: TANZANIA	0.08	9.3	0.0	ROOT & TUBER COWPEA RICE SOYBEAN
667	POST-GRADUATE RESEARCH TRAINING IN BIOCONTROL	0.10	9.4	0.0	CASSAVA
668	TRAINING ON VIRUS DISEASES OF FOOD CROPS	0.20	9.4	0.0	GRAIN LEGUMES CEREAL CROPS ROOT & TUBER
					PLANTAIN
669	TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	1.01	9.4	0.0	CASSAVA
ILCA					
670	AGROCLIMATOLOGY	4.50	2.3	2.4	
671	SOIL SCIENCE AND PLANT NUTRITION	3.20	3.3	0.0	
672	EAST AFRICA RANGELANDS PROGRAMME	36.00	4.0	0.0	LIVESTOCK
673	LIVESTOCK PRODUCTIVITY AND TRYPANOTOLERANT GROUP	7.20	4.1	4.0	LIVESTOCK
674	ANIMAL NUTRITION SECTION	5.20	4.2	0.0	LIVESTOCK
675	FORAGE LEGUME AGRONOMY	9.60	4.2	4.4	FORAGES
676	ANIMAL REPRODUCTION AND HEALTH	7.20	4.3	0.0	LIVESTOCK
677	PASTORAL ECOLOGY	3.00	4.4	0.0	
678	DAIRY TECHNOLOGY	2.40	6.2	9.4	LIVESTOCK
679	PANESA	3.20	11.0	0.0	FORAGES
680	SMALL RUMINANT AND CAMEL GROUP	3.00	11.0	10.3	LIVESTOCK

ILRAD				
681 WILDLIFE DISEASE PROJECT	18.00	4.0	9.0	WILDLIFE
ISNAR				
682 KENYA PROJECT DEVELOPMENT, RESEARCH MANAGEMENT COURSE	2.00	9.1	9.5	
683 KENYA AG RESEARCH MANAGEMENT TRAINING	2.00	9.5	9.6	
684 KENYA PROJECT PREPARATION - NATIONAL RES PROGRAM	2.00	10.2	0.0	
	338.30			
** LESOTHO				
CIAT				
685 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.56	3.0	9.0	COMMON BEANS
ICRISAT				
686 DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.37	3.1	0.0	SORGHUM
687 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	1.22	3.1	0.0	GROUNDNUT
688 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.49	3.1	0.0	MILLET
689 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	0.73	3.1	3.2	SORGHUM
690 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	0.86	3.1	3.2	MILLET
691 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.37	3.1	3.2	SORGHUM MILLET
692 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.12	3.2	0.0	SORGHUM
693 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.37	3.2	0.0	MILLET
694 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.37	3.2	0.0	GROUNDNUT
695 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.37	3.2	0.0	GROUNDNUT
696 SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.49	3.2	0.0	GROUNDNUT
697 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.37	3.2	0.0	SORGHUM
IFPRI				
698 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3	
IITA				
699 REGIONAL CROP IMPROVEMENT AND TESTING ZIMBABWE	1.15	3.1	0.0	COWPEA SOYBEAN
	7.95			
** LIBERIA				
IFPRI				
700 CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3	
IITA				
701 REGIONAL CROP IMPROVEMENT AND TESTING ZIMBABWE	1.15	3.1	0.0	COWPEA SOYBEAN
702 VARIETAL IMPROVEMENT - IRON TOXICITY	3.60	3.1	0.0	RICE
703 INTERCROPPING, ROTATION AND SOIL FERTILITY	0.56	3.4	0.0	RICE
704 POST-GRADUATE TRAINING	0.40	9.4	0.0	RICE
705 POST-GRADUATE TRAINING	0.22	9.4	0.0	CASSAVA YAM SWEET POTATO COCOYAM
706 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.87	9.4	0.0	CASSAVA
707 COLLABORATIVE RESEARCH NETWORK - IKTP - AFRICA	0.75	11.0	0.0	RICE

IRRI

708 EDITING AND PUBLICATION TRAINING	0.24	9.5	0.0	
709 TRANSFER OF TECHNOLOGY AND RESEARCH METHODS (DOC & LIB)	0.32	12.2	0.0	RICE

WARDA

710 AGRO ECOLOGICAL CHARACTERIZATION	4.37	2.4	0.0	RICE
711 PLANT NUTRITION/IRON TOXICITY AND SALINITY	11.20	3.3	0.0	RICE
712 CROP MANAGEMENT: AZOLLA (CROP & SOIL IMPROVEMENT)	3.60	3.4	0.0	RICE
713 SEED PRODUCTION	2.40	3.5	0.0	RICE
714 POST-HARVEST TECHNOLOGY:GRAIN QUALITY EVALUATION	4.00	6.0	0.0	RICE
715 TRAINING COURSES: SEED MULTIPLICATION	0.48	9.0	0.0	RICE
716 TRAINING COURSES: GRAIN-EATING BIRDS CONTROL	0.80	9.0	0.0	RICE
717 TRAINING COURSES: AUDIO-VISUAL AND EXTENSION	0.38	9.0	0.0	RICE

35.54

** MADAGASCAR

CIMMYT

718 GERMPLASM ENHANCEMENT	0.20	3.1	0.0	WHEAT
719 GERMPLASM TESTING	0.40	3.1	0.0	WHEAT
720 CROP PRODUCTION RESEARCH	0.50	3.4	0.0	MAIZE
721 ASSESSMENT OF TRAINING NEEDS	0.05	9.1	0.0	MAIZE
722 PRODUCTION OF TRAINING MATERIALS	0.20	9.2	0.0	MAIZE
723 PRODUCTION TRAINING	0.20	9.3	0.0	MAIZE
724 WORKSHOP SEMINAR	0.20	12.1	0.0	MAIZE

CIP

725 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	6.1	6.2	POTATO
726 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	6.1	6.2	POTATO
727 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	6.4	9.1	POTATO
728 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	9.2	9.3	POTATO
729 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	9.4	9.6	POTATO

IBPGR

730 TECHNIQUES FOR SEED GENE BANKS	0.20	1.0	0.0	
731 CHARACTERIZATION OF RICE AND FOOD LEGUMES	2.05	1.0	0.0	RICE GRAIN LEGUMES

IRRI

732 PLANT GENETIC RESOURCE CONSERVATION AND MANAGEMENT. NAT RES.	0.20	3.0	0.0	RICE
733 TRANSFER OF TECHNOLOGY AND RESEARCH METHODS (DOC & LIB)	0.32	12.2	0.0	RICE

ISNAR

734 MADAGASCAR INSTITUTION BUILDING	14.50	10.2	10.3	
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25.32

** MALAWI

CIAT

735 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.55	3.0	9.0	COMMON BEANS
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CIMMYT

736 GERMPLASM PRESERVATION	0.20	3.1	0.0	MAIZE
737 GERMPLASM ENHANCEMENT	3.50	3.1	0.0	MAIZE
738 GERMPLASM TESTING	1.00	3.1	0.0	MAIZE
739 GERMPLASM ENHANCEMENT	2.27	3.1	0.0	MAIZE
740 GERMPLASM TESTING	0.55	3.1	0.0	MAIZE
741 GERMPLASM TESTING	0.23	3.1	0.0	MAIZE
742 GERMPLASM ENHANCEMENT	1.50	3.1	0.0	MAIZE
743 CROP PRODUCTION RESEARCH	1.50	3.4	0.0	MAIZE
744 ASSESSMENT OF TRAINING NEEDS	0.15	9.1	0.0	MAIZE
745 PRODUCTION OF TRAINING MATERIALS	0.60	9.2	0.0	MAIZE
746 PRODUCTION TRAINING	1.40	9.3	0.0	MAIZE WHEAT
747 PRODUCTION TRAINING	0.60	9.3	0.0	MAIZE
748 PRODUCTION TRAINING	0.60	9.3	0.0	MAIZE
749 ADVISORY NARS	1.00	10.2	0.0	MAIZE
750 ADVISORY NARS	1.00	10.2	0.0	MAIZE
751 ADVISORY NARS	0.15	10.2	0.0	MAIZE
752 ADVISORY NARS	0.30	10.2	0.0	MAIZE
753 WORKSHOP SEMINAR	0.60	12.1	0.0	MAIZE
754 WORKSHOP SEMINAR	0.10	12.1	0.0	MAIZE

CIP

755 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	6.1	6.2	POTATO
756 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	6.1	6.2	POTATO
757 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	6.4	9.1	POTATO
758 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	9.2	9.3	POTATO
759 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	1.26	9.4	9.6	POTATO

ICRISAT

760 DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.37	3.1	0.0	SORGHUM
761 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.49	3.1	0.0	MILLET
762 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	2.30	3.1	0.0	GROUNDNUT
763 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	0.86	3.1	3.2	MILLET
764 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	0.73	3.1	3.2	SORGHUM
765 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.37	3.1	3.2	SORGHUM MILLET
766 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.12	3.2	0.0	SORGHUM
767 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.37	3.2	0.0	SORGHUM
768 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.69	3.2	0.0	GROUNDNUT
769 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.69	3.2	0.0	GROUNDNUT
770 SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.93	3.2	0.0	GROUNDNUT
771 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.37	3.2	0.0	MILLET

IFPRI

772 POLICY ISSUES FOR LONG-TERM GROWTH IN FERTILIZER USE IN E AF	2.60	8.1	9.4	
773 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3	
774 AGRICULTURAL RESEARCH AND TECHNOLOGY, COMP STUDY OF 6 COUNTR	2.00	8.3	0.0	

IITA

775 BREEDING FOR MID-ALTITUDE ECOLOGIES AND VARIETY TESTING	2.50	3.1	0.0	MAIZE
776 REGIONAL CROP IMPROVEMENT AND TESTING ZIMBABWE	1.15	3.1	0.0	COWPEA SOYBEAN
777 BREEDING FOR YIELD & DISEASES & INSECT PEST RESISTANCE	1.60	3.1	0.0	CASSAVA SWEET POTATO YAM
778 BIOLOGICAL CONTROL OF CASSAVA MEALYBUG & GREEN SPIDER MITES	9.12	3.2	0.0	CASSAVA
779 AGRONOMIC TRIALS	0.04	3.4	0.0	CASSAVA SWEET POTATO YAM
780 ASSESSMENT OF TRAINING NEEDS: IBADAN	0.43	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
781 ASSESSMENT OF TRAINING NEEDS TANZANIA	0.68	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
782 EDITING, PRODUCING GROUP COURSE TRAINING MATERIALS-IBADAN	0.71	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
783 PRODUCTION OF TRAINING MATERIALS: TANZANIA	0.10	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
784 RESEARCH PRODUCTION AND UTILIZATION COURSE, IBADAN	1.80	9.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
785 RESEARCH, PRODUCTION AND UTILIZATION COURSE	4.11	9.3	0.0	COWPEA SOYBEAN

ILCA

786 PANESA	3.20	11.0	0.0	FORAGES
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ISNAR

787 SOUTHERN AFRICA AG RES MANAGEMENT TRAINING PROJECT	1.95	9.1	9.5	
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64.49

** MALI

CIMMYT

788 GERMPLASM ENHANCEMENT	1.80	3.1	0.0	MAIZE
789 GERMPLASM TESTING	1.20	3.1	0.0	MAIZE
790 ASSESSMENT OF TRAINING NEEDS	0.30	9.1	0.0	MAIZE
791 PRODUCTION TRAINING	0.15	9.3	0.0	MAIZE
792 ADVISORY NARS	0.15	10.2	0.0	MAIZE

IBPGR

793 COLLECTING OF ORYZA SSP.	3.04	1.0	0.0	RICE
794 COLLECTING WILD PENNISETUM	3.06	1.0	0.0	MILLET

ICRISAT

795 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.19	2.1	0.0	MILLET
796 MULTILOCATION WATER BALANCE STUDIES IN NIGER	0.19	2.1	0.0	MILLET SORGHUM GROUNDNUT COWPEA
797 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET SORGHUM
798 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.29	2.1	2.2	MILLET COWPEA
799 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT
800 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET
801 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET COWPEA
802 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET
803 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.29	3.1	0.0	MILLET
804 POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.29	3.1	0.0	MILLET

805	YIELDS TESTS AND EXCHANGE NURSERIES	0.24	3.1	0.0	MILLET			
806	REGIONAL AND INTERNATIONAL COOPERATION	0.77	3.1	0.0	MILLET			
807	MULTILOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.14	3.1	0.0	MILLET			
808	DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.19	3.1	0.0				
809	STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.14	3.1	0.0	MILLET			
810	GENETIC STRUCTURE OF PENNISETUM SPECIES	0.96	3.1	0.0	MILLET			
811	DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.14	3.1	0.0	MILLET			
812	HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.29	3.1	0.0	SORGHUM			
813	HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM			
814	HIGH YIELDING VARIET. FOR INTERM. RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM			
815	HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.48	3.1	0.0	SORGHUM			
816	COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.29	3.1	0.0	COWPEA	MILLET		
817	POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.48	3.1	0.0	MILLET			
818	EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.27	3.1	0.0	SORGHUM			
819	SORGHUM BREEDING FOR HIGHLANDS OF EASTERN AFRICA	0.71	3.1	0.0	SORGHUM			
820	DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF	0.38	3.2	0.0	MILLET			
821	SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET			
822	COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.35	3.2	0.0	MILLET			
823	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.29	3.2	0.0	SORGHUM			
824	SCREENING FOR GRAIN MOLD RESISTANCE	0.38	3.2	0.0	SORGHUM			
825	STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET			
826	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.29	3.2	0.0	SORGHUM			
827	SOURCES AND MANAGEMENT OF PHOSPHORUS	0.38	3.3	0.0	MILLET	SORGHUM	COWPEA	
828	SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.29	3.3	0.0	MILLET	SORGHUM	COWPEA	
829	RELATIVE EFFICIENCY AND FATE OF SULFUR FERTILIZERS	0.19	3.3	0.0	MILLET	SORGHUM	COWPEA	
830	USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.19	3.3	0.0	MILLET			
831	RIDGING, PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.77	3.4	0.0	MILLET	COWPEA		
832	EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.29	3.4	0.0	MILLET			
833	EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.29	3.4	0.0	MILLET			
834	MILLET BASED CROPPING SYSTEMS	1.06	3.4	0.0	MILLET	GROUNDNUT	COWPEA	
835	INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.29	3.4	0.0	MILLET	COWPEA		
836	IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.67	3.4	0.0	MILLET			
837	EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.29	3.4	0.0	MILLET			
838	SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.19	3.4	0.0	MILLET			
839	IMPROVED SORGHUM BASED CROPPING SYSTEMS AND SOIL FERTILITY	12.00	3.4	0.0	SORGHUM	MILLET	COWPEA	GROUNDNUT
840	COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.24	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
841	EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.32	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
842	FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.24	8.3	0.0	MILLET	SORGHUM	COWPEA	GROUNDNUT
843	RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.08	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
IITA								
844	SOIL AND WATER MANAGEMENT IN SEMI ARID CROPPING SYSTEMS	0.82	2.1	0.0	MAIZE	COWPEA	SORGHUM	MILLET
845	REGIONAL CROP IMPROVEMENT AND TESTING NIGER	2.34	3.1	0.0	COWPEA			
846	BREEDING FOR APHIDS, BRUCHIDS, DROUGHT & STRIGA RESISTANCE	1.22	3.1	0.0	COWPEA			
847	BREEDING FOR EARLY INTERMEDIATE MATURITY & DROUGHT STRESS	0.82	3.1	0.0	MAIZE			
848	IPM OF MILLPEDES, ARMY WORMS, STEM BORERS, AND TERMITES	0.17	3.2	0.0	MAIZE			
849	EVALUATION OF PEST AND ASSESSMENT OF YIELD LOSS	0.44	3.2	0.0	COWPEA			
850	SOIL COMPACTION, TILLAGE, DROUGHT, AND STRESS STUDIES	0.82	3.4	0.0	MAIZE			
851	INTERCROPPING, RELAY CROPPING & MANAGEMENT FACTOR STUDIES	0.61	3.4	0.0	COWPEA	MAIZE	SORGHUM	MILLET

852 POST-GRADUATE AND SPECIALIZED TRAINING	0.18	9.4	0.0	COWPEA				
853 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.87	9.4	0.0	CASSAVA				
854 TISSUE CULTURE TRAINING COURSE	0.06	9.4	0.0	CASSAVA	SWEET POTATO	COCOYAM	YAM	PLANTAIN
ILCA								
855 AGROCLIMATOLOGY	4.50	2.3	2.4					
856 SOIL SCIENCE AND PLANT NUTRITION	3.20	3.3	0.0					
857 ARID AND SEMI ARID ZONES PROGRAMME	38.40	4.0	0.0	LIVESTOCK				
858 SUBHUMID ZONE PROGRAMME	3.60	4.0	5.0	LIVESTOCK				
859 ANIMAL NUTRITION SECTION	5.20	4.2	0.0	LIVESTOCK				
860 FORAGE LEGUME AGRONOMY	9.60	4.2	4.4	FORAGES				
861 ANIMAL REPRODUCTION AND HEALTH	7.20	4.3	0.0	LIVESTOCK				
862 PASTORAL ECOLOGY	9.00	4.4	0.0					
863 SMALL RUMINANT AND CAMEL GROUP	6.00	11.0	10.3	LIVESTOCK				
WARDA								
864 CROP MANAGEMENT: AZOLLA (CROP & SOIL IMPROVEMENT)	1.80	3.4	0.0	RICE				
	134.21							
** MAURITANIA								
ICRISAT								
865 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.19	2.1	0.0	MILLET				
866 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET	SORGHUM			
867 MULTILOCATION WATER BALANCE STUDIES IN NIGER	0.19	2.1	0.0	MILLET	SORGHUM	GROUNDNUT	COWPEA	
868 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.29	2.1	2.2	MILLET	COWPEA			
869 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET	COWPEA			
870 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET				
871 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET				
872 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT				
873 CLIMATIC DATA COLLECTION AND ANALYSIS FOR WEST AFRICA	0.90	2.3	2.4	MILLET	SORGHUM	GROUNDNUT		
874 HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.48	3.1	0.0	SORGHUM				
875 YIELDS TESTS AND EXCHANGE NURSERIES	0.24	3.1	0.0	MILLET				
876 REGIONAL AND INTERNATIONAL COOPERATION	0.77	3.1	0.0	MILLET				
877 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.29	3.1	0.0	MILLET				
878 STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.14	3.1	0.0	MILLET				
879 GENETIC STRUCTURE OF PENNISETUM SPECIES	0.96	3.1	0.0	MILLET				
880 DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.14	3.1	0.0	MILLET				
881 POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.48	3.1	0.0	MILLET				
882 MULTILOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.14	3.1	0.0	MILLET				
883 EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.27	3.1	0.0	SORGHUM				
884 DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.19	3.1	0.0					
885 POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.29	3.1	0.0	MILLET				
886 HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.29	3.1	0.0	SORGHUM				
887 HIGH YIELDING VARIET. FOR INTERM. RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM				
888 COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.29	3.1	0.0	COWPEA	MILLET			
889 HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM				
890 STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET				
891 SCREENING FOR GRAIN MOLD RESISTANCE	0.38	3.2	0.0	SORGHUM				
892 SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET				

893 DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF	0.38	3.2	0.0	MILLET		
894 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.29	3.2	0.0	SORGHUM		
895 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.29	3.2	0.0	SORGHUM		
896 COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.35	3.2	0.0	MILLET		
897 USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.19	3.3	0.0	MILLET		
898 SOURCES AND MANAGEMENT OF PHOSPHORUS	0.38	3.3	0.0	MILLET	SORGHUM	COWPEA
899 SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.29	3.3	0.0	MILLET	SORGHUM	COWPEA
900 RELATIVE EFFICIENCY AND FATE OF SULFUR FERTILIZERS	0.19	3.3	0.0	MILLET	SORGHUM	COWPEA
901 EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.29	3.4	0.0	MILLET		
902 IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.67	3.4	0.0	MILLET		
903 EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.29	3.4	0.0	MILLET		
904 INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.29	3.4	0.0	MILLET	COWPEA	
905 MILLET BASED CROPPING SYSTEMS	1.06	3.4	0.0	MILLET	GROUNDNUT	COWPEA
906 RIDGING, PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.77	3.4	0.0	MILLET	COWPEA	
907 SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.19	3.4	0.0	MILLET		
908 EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.29	3.4	0.0	MILLET		
909 RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.08	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
910 COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.24	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
911 EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.32	8.3	0.0	SORGHUM	MILLET	GROUNDNUT
912 FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.24	8.3	0.0	MILLET	SORGHUM	COWPEA GROUNDNUT

15.85

** MAURITIUS

CIP

913 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.62	10.2	10.3	POTATO
	0.62			

** MOZAMBIQUE

CIAT

914 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.55	3.0	9.0	COMMON BEANS
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IBPGR

915 TECHNIQUES FOR SEED GENE BANKS	0.20	1.0	0.0
916 EQUIPMENT FOR GENE BANKS	0.14	1.0	0.0

ICRISAT

917 DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.36	3.1	0.0	SORGHUM
918 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	1.22	3.1	0.0	GROUNDNUT
919 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.47	3.1	0.0	MILLET
920 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	0.72	3.1	3.2	SORGHUM
921 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	0.84	3.1	3.2	MILLET
922 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.36	3.1	3.2	SORGHUM MILLET
923 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.12	3.2	0.0	SORGHUM
924 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.36	3.2	0.0	SORGHUM
925 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.37	3.2	0.0	GROUNDNUT
926 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.36	3.2	0.0	MILLET
927 SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.49	3.2	0.0	GROUNDNUT
928 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.37	3.2	0.0	GROUNDNUT

IFPRI				
929 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3	
IITA				
930 REGIONAL CROP IMPROVEMENT AND TESTING ZIMBABWE	1.54	3.1	0.0	COWPEA SOYBEAN
931 RESEARCH & PRODUCTION TRAINING COURSE	0.23	9.3	0.0	CASSAVA YAM SWEET POTATO COCOYAM
932 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.90	9.4	0.0	CASSAVA
ILCA				
933 SMALL RUMINANT AND CAMEL GROUP	1.50	11.0	10.3	LIVESTOCK
	11.21			
** NIGER				
IBPGR				
934 WILD CEREALS AND FORAGE COLLECTING	4.89	1.0	0.0	CEREAL CROPS FORAGES
ICRISAT				
935 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.32	2.1	0.0	MILLET SORGHUM
936 MULTILLOCATION WATER BALANCE STUDIES IN NIGER	0.63	2.1	0.0	MILLET SORGHUM GROUNDNUT COWPEA
937 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.63	2.1	0.0	MILLET
938 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.95	2.1	2.2	MILLET COWPEA
939 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.32	2.3	0.0	MILLET
940 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.32	2.3	0.0	GROUNDNUT
941 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.32	2.3	0.0	MILLET
942 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.32	2.3	0.0	MILLET COWPEA
943 CLIMATIC DATA COLLECTION AND ANALYSIS FOR WEST AFRICA	0.90	2.3	2.4	MILLET SORGHUM GROUNDNUT
944 REGIONAL AND INTERNATIONAL COOPERATION	2.53	3.1	0.0	MILLET
945 POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	1.58	3.1	0.0	MILLET
946 STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.14	3.1	0.0	MILLET
947 DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.48	3.1	0.0	MILLET
948 DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.63	3.1	0.0	MILLET
949 GENETIC STRUCTURE OF PENNISETUM SPECIES	3.17	3.1	0.0	MILLET
950 POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.29	3.1	0.0	MILLET
951 MULTILLOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.48	3.1	0.0	MILLET
952 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.29	3.1	0.0	MILLET
953 YIELDS TESTS AND EXCHANGE NURSERIES	0.24	3.1	0.0	MILLET
954 EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.27	3.1	0.0	SORGHUM
955 HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.29	3.1	0.0	SORGHUM
956 HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM
957 HIGH YIELDING VARIET. FOR INTERM. RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM
958 HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.48	3.1	0.0	SORGHUM
959 COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.95	3.1	0.0	COWPEA MILLET
960 DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF.	1.28	3.2	0.0	MILLET
961 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.29	3.2	0.0	SORGHUM
962 COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	1.16	3.2	0.0	MILLET
963 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.29	3.2	0.0	SORGHUM
964 SCREENING FOR GRAIN MOLD RESISTANCE	0.38	3.2	0.0	SORGHUM

965 SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.63	3.2	0.0	MILLET					
966 STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.63	3.2	0.0	MILLET					
967 RELATIVE EFFICIENCY AND FATE OF SULPHUR FERTILIZERS	0.63	3.3	0.0	MILLET	SORGHUM	COWPEA			
968 USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.63	3.3	0.0	MILLET					
969 SOURCES AND MANAGEMENT OF PHOSPHORUS	1.28	3.3	0.0	MILLET	SORGHUM	COWPEA			
970 SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.95	3.3	0.0	MILLET	SORGHUM	COWPEA			
971 EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.95	3.4	0.0	MILLET					
972 IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	2.22	3.4	0.0	MILLET					
973 MILLET BASED CROPPING SYSTEMS	3.48	3.4	0.0	MILLET	GROUNDNUT	COWPEA			
974 RIDGING,PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	2.53	3.4	0.0	MILLET	COWPEA				
975 INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.95	3.4	0.0	MILLET	COWPEA				
976 EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.95	3.4	0.0	MILLET					
977 EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.95	3.4	0.0	MILLET					
978 SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.63	3.4	0.0	MILLET					
979 RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.08	8.3	0.0	SORGHUM	MILLET	GROUNDNUT			
980 COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.24	8.3	0.0	SORGHUM	MILLET	GROUNDNUT			
981 EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.32	8.3	0.0	SORGHUM	MILLET	GROUNDNUT			
982 FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.79	8.3	0.0	MILLET	SORGHUM	COWPEA	GROUNDNUT		
IITA									
983 GERMPASM COLLECTION, CONSERVATION EVALUATION AND RESEARCH	2.33	1.0	0.0	COWPEA	RICE	SOYBEAN	BAMBARA	GINUBY/MINOR	
				LEGUMES					
984 SOIL AND WATER MANAGEMENT IN SEMI ARID CROPPING SYSTEMS	0.82	2.1	0.0	MAIZE	COWPEA	SORGHUM	MILLET		
985 BREEDING FOR APHIDS, BRUCHIDS, DROUGHT & STRIGA RESISTANCE	1.22	3.1	0.0	COWPEA					
986 BREEDING FOR EARLY INTERMEDIATE MATURITY & DROUGHT STRESS	0.82	3.1	0.0	MAIZE					
987 DEVELOPMENT OF IMPROVED BREEDING MATERIALS	3.37	3.1	0.0	COWPEA					
988 PLANT IMPROVEMENT/INTERNATIONAL TESTING	0.18	3.1	0.0	COWPEA					
989 REGIONAL CROP IMPROVEMENT AND TESTING NIGER	6.24	3.1	0.0	COWPEA					
990 BREEDING AND VARIETAL IMPROVEMENT	2.75	3.1	12.1	RICE					
991 EVALUATION OF PEST AND ASSESSMENT OF YIELD LOSS	0.44	3.2	0.0	COWPEA					
992 IPM OF MILLIPEDES, ARMY WORMS, STEM BORERS, AND TERMITES	0.17	3.2	0.0	MAIZE					
993 BIOLOGICAL NITROGEN FIXAT. NUTRIENT RECYCL.&FERTILIZ.EFFICI.	3.46	3.3	0.0	COWPEA	SOYBEAN	MAIZE	CASSAVA	FALLOW	
				SPECIES					
994 SOIL COMPACTION, TILLAGE, DROUGHT, AND STRESS STUDIES	0.82	3.4	0.0	MAIZE					
995 INTERCROPPING,RELAY CROPPING & MANAGEMENT FACTOR STUDIES	0.61	3.4	0.0	COWPEA	MAIZE	SORGHUM	MILLET		
996 RICE STORAGE RESEARCH	0.10	6.1	0.0	RICE					
997 AMYLASE, COOKING TIME, GELATINIZATION AND PROCESSING	0.55	6.2	0.0	RICE					
998 NUTRITION AND CONSUMER ANALYSIS	0.26	7.1	0.0	CASSAVA	SOYBEAN	MAIZE	COWPEA		
999 NUTRITION AND CONSUMER ANALYSIS	0.11	7.1	0.0	RICE	SWEET POTATO	YAM	COCOYAM	PLANTAIN	
1000 PRODUCTION OF TRAINING MATERIAL	0.10	9.2	0.0	RICE					
1001 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.87	9.4	0.0	CASSAVA					
ILCA									
1002 AGROCLIMATOLOGY	4.50	2.3	2.4						
1003 ARID AND SEMI ARID ZONES PROGRAMME	9.60	4.0	0.0	LIVESTOCK					
1004 PASTORAL ECOLOGY	9.00	4.4	0.0						
ISNAR									
1005 NIGER EXPLORATORY MISSION	3.00	8.1	10.2						
1006 NIGER REVIEW MISSION & LONG-TERM PLAN	7.50	8.1	10.2						

WARDA				
1007 AGRO ECOLOGICAL CHARACTERIZATION	6.33	2.4	0.0	RICE
1008 CROP MANAGEMENT: AZOLLA (CROP & SOIL IMPROVEMENT)	1.80	3.4	0.0	RICE

111.57

** NIGERIA

CIMMYT				
1009 GERMPLASM PRESERVATION	0.60	3.1	0.0	MAIZE
1010 GERMPLASM ENHANCEMENT	10.50	3.1	0.0	MAIZE
1011 GERMPLASM ENHANCEMENT	6.83	3.1	0.0	MAIZE
1012 GERMPLASM TESTING	3.00	3.1	0.0	MAIZE
1013 PRODUCTION TRAINING	1.00	9.2	0.0	MAIZE
1014 PRODUCTION TRAINING	4.20	9.3	0.0	MAIZE WHEAT
1015 PRODUCTION TRAINING	1.80	9.3	0.0	MAIZE
1016 PRODUCTION TRAINING	0.21	9.3	0.0	WHEAT
1017 ADVISORY NARS	3.00	10.2	0.0	MAIZE
1018 ADVISORY NARS	0.75	10.2	0.0	MAIZE
1019 ADVISORY NARS	0.90	10.2	0.0	MAIZE
1020 WORKSHOP SEMINAR	0.30	12.1	0.0	MAIZE

IBPGR				
1021 MULTIPLICATION, CHARACTERIZATION, AND DOC. OF EGGPLANT	1.00	1.0	0.0	EGGPLANT
1022 MULTIPLICATION AND CHARACTERIZATION OF COWPEA	1.02	1.0	0.0	COWPEA

ICRISAT				
1023 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.19	2.1	0.0	MILLET
1024 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET SORGHUM
1025 MULTILLOCATION WATER BALANCE STUDIES IN NIGER	0.19	2.1	0.0	MILLET SORGHUM GROUNDNUT COWPEA
1026 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.29	2.1	2.2	MILLET COWPEA
1027 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET COWPEA
1028 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET
1029 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET
1030 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT
1031 DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.14	3.1	0.0	MILLET
1032 YIELDS TESTS AND EXCHANGE NURSERIES	0.24	3.1	0.0	MILLET
1033 REGIONAL AND INTERNATIONAL COOPERATION	0.77	3.1	0.0	MILLET
1034 EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.27	3.1	0.0	SORGHUM
1035 DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.19	3.1	0.0	
1036 STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.14	3.1	0.0	MILLET
1037 GENETIC STRUCTURE OF PENNISETUM SPECIES	0.96	3.1	0.0	MILLET
1038 MULTILLOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.14	3.1	0.0	MILLET
1039 POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.48	3.1	0.0	MILLET
1040 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.29	3.1	0.0	MILLET
1041 POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.29	3.1	0.0	MILLET
1042 HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.29	3.1	0.0	SORGHUM
1043 HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM
1044 HIGH YIELDING VARIET. FOR INTERM. RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM
1045 HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.48	3.1	0.0	SORGHUM
1046 COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.29	3.1	0.0	COWPEA MILLET

1047	STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET			
1048	SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET			
1049	DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF	0.38	3.2	0.0	MILLET			
1050	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.29	3.2	0.0	SORGHUM			
1051	BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.29	3.2	0.0	SORGHUM			
1052	SCREENING FOR GRAIN MOLD RESISTANCE	0.38	3.2	0.0	SORGHUM			
1053	COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.35	3.2	0.0	MILLET			
1054	RELATIVE EFFICIENCY AND FATE OF SULFUR FERTILIZERS	0.19	3.3	0.0	MILLET	SORGHUM	COWPEA	
1055	SOURCES AND MANAGEMENT OF PHOSPHORUS	0.38	3.3	0.0	MILLET	SORGHUM	COWPEA	
1056	USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.19	3.3	0.0	MILLET			
1057	SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.29	3.3	0.0	MILLET	SORGHUM	COWPEA	
1058	IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.67	3.4	0.0	MILLET			
1059	EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.29	3.4	0.0	MILLET			
1060	MILLET BASED CROPPING SYSTEMS	1.06	3.4	0.0	MILLET	GROUNDNUT	COWPEA	
1061	SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.19	3.4	0.0	MILLET			
1062	INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.29	3.4	0.0	MILLET	COWPEA		
1063	EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.29	3.4	0.0	MILLET			
1064	RIDGING, PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.77	3.4	0.0	MILLET	COWPEA		
1065	EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.29	3.4	0.0	MILLET			
1066	RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.08	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
1067	COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.24	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
1068	EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.32	8.3	0.0	SORGHUM	MILLET	GROUNDNUT	
1069	FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.24	8.3	0.0	MILLET	SORGHUM	COWPEA	GROUNDNUT
IFPRI								
1070	SEASONAL FLUCTUATIONS IN FOOD PRODUCTION	2.00	7.1	7.2	CASSAVA			
1071	TRENDS AND PROSPECTS OF CASSAVA IN THE THIRD WORLD	3.00	7.1	8.1				
1072	MACROECONOMIC POLICIES AND AGRICULTURAL STRATEGIES	2.40	8.1	8.2				
1073	AGRICULTURAL RESEARCH AND TECHNOLOGY, COMP STUDY OF 6 COUNTR	2.00	8.3	0.0				
1074	MACROECONOMIC POLICIES AND AGRICULTURAL STRATEGIES	0.60	9.4	12.3				
1075	CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3				
IITA								
1076	REGENER.&CONSERV. ROOT+TUBER CROPS THROUGH TISSUE CULTURE.	2.21	1.0	0.0	CASSAVA	YAM	SWEET POTATO	COCOYAM
1077	GERMPLASM COLLECTION, CONSERVATION EVALUATION AND RESEARCH	4.27	1.0	0.0	COWPEA	RICE	SOYBEAN	BAMBARA GINUBY/MINOR LEGUMES
1078	WETLAND HYDROLOGY	3.50	2.1	0.0	RICE	COWPEA	SWEET POTATO	
1079	UPLAND WATER CONSERVATION	14.26	2.1	0.0	MAIZE	COWPEA	RICE	CASSAVA SOYBEAN
1080	LAND CLEARING AND EROSION CONTROL	3.56	2.2	0.0	MAIZE	COWPEA	CASSAVA	RICE
1081	SOIL MANAGEMENT TO INCREASE PRODUCTIVITY	1.40	2.2	0.0	MAIZE	CASSAVA	COWPEA	RICE YAM
1082	AGROECOLOGICAL CHARACTERIZATION	0.40	2.4	0.0	MAIZE	CASSAVA	COWPEA	RICE YAM
1083	VARIETAL IMPROVEMENT - IRON TOXICITY	3.60	3.1	0.0	RICE			
1084	BREEDING MAIZE FOR RESISTANCE TO DISEASES INSECTS PESTS/WEED	23.25	3.1	0.0	MAIZE			
1085	PLANT IMPROVEMENT/INTERNATIONAL TESTING	0.22	3.1	0.0	COWPEA			
1086	TISSUE CULTURE RESEARCH AND PHYSIOLOGY	1.05	3.1	0.0	PLANTAIN	BANANA		
1087	BREEDING FOR YIELD, DISEASES AND INSECT RESISTANCE	8.06	3.1	0.0	CASSAVA	YAM	SWEET POTATO	COCOYAM
1088	PLANT IMPROVEMENT / INTERNATIONAL TESTING	0.22	3.1	0.0	SOYBEAN			
1089	DEVELOPMENT OF IMPROVED BREEDING MATERIALS	7.44	3.1	0.0	SOYBEAN			
1090	DEVELOPMENT OF IMPROVED BREEDING MATERIALS	6.18	3.1	0.0	COWPEA			
1091	BREEDING AND VARIETAL IMPROVEMENT	22.00	3.1	12.1	RICE			
1092	MONITORING, ASSESSMENT & CONTROL OF INSECTS, DISEASES & WEEDS	1.10	3.2	0.0	RICE			

1093 INTEGRATED VEGETATION MANAGEMENT	2.70	3.2	0.0	MAIZE CASSAVA RICE COWPEA SOYBEAN
1094 PLANT PROTECTION	7.18	3.2	0.0	COWPEA SOYBEAN
1095 STUDIES OF VIRUS DISEASES OF FOOD CROPS	8.80	3.2	0.0	GRAIN LEGUMES CEREAL CROPS ROOT & TUBER PLANTAIN
1096 BIOLOGICAL CONTROL OF CASSAVA MEALYBUG & GREEN SPIDER MITES	16.13	3.2	0.0	CASSAVA
1097 IPM IDENTIFIC. ASSESSMT.OF PLANT DISEASES,INS.PESTS NEMATOD.	3.94	3.2	0.0	CASSAVA YAM SWEET POTATO
1098 PLANT NUTRITION - PHYSIOLOGY	3.50	3.3	0.0	RICE
1099 BIOLOGICAL NITROGEN FIXAT. NUTRIENT RECYCL.&FERTILIZ.EFFICI.	6.34	3.3	0.0	COWPEA SOYBEAN MAIZE CASSAVA FALLOW SPECIES
1100 INTERCROPPING, ROTATION AND SOIL FERTILITY	6.66	3.4	0.0	RICE
1101 STUDIES OF PLANT DENSIT.MULCHING&QUALIT.OF PLANTING MATERIA.	11.23	3.4	0.0	YAM SWEET POTATO CASSAVA
1102 CROP PRODUCTIVITY AND MANAGEMENT	2.48	3.4	0.0	PLANTAIN BANANA
1103 DEVELOPMENT OF TECHNOLOGY FOR SUSTAINABLE CROP YIELDS	8.26	3.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1104 PLANT.MATERIAL PRODUCT. BY TISSUE CULTUR.&OTHER METHODS	1.61	3.5	0.0	CASSAVA YAM SWEET POTATO COCOYAM
1105 ON FARM ADAPTIVE RESEARCH METHODOLOGY	1.50	5.1	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN
1106 MAINTENANCE OF SOIL FERTILITY INTERCROPPING & CROP ROTATION	5.00	5.1	0.0	RICE
1107 ON FARM ADAPTIVE RESEARCH METHODOLOGY	6.45	5.1	0.0	MAIZE COWPEA CASSAVA RICE
1108 BIOCHEMICAL ASPECTS & NUTRITIONAL QUALITY STUDIES	1.65	5.2	0.0	CASSAVA YAM SWEET POTATO
1109 SMALL FARM MECHANIZATION	7.13	5.3	0.0	MAIZE COWPEA CASSAVA RICE
1110 ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	10.08	5.4	0.0	CASSAVA MAIZE COWPEA SOYBEAN
1111 ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	2.52	5.4	0.0	RICE YAM COCOYAM SWEET POTATO PLANTAIN
1112 RICE STORAGE RESEARCH	0.80	6.1	0.0	RICE
1113 STUDIES ON STORAGE TECHNOLOGY	2.17	6.1	0.0	YAM
1114 SOYBEAN UTILIZATION	7.21	6.2	0.0	SOYBEAN
1115 VILLAGE LEVEL STUDIES OF PROCESSING	1.00	6.2	0.0	SOYBEAN CASSAVA
1116 AMYLASE, COOKING TIME, GELATINIZATION AND PROCESSING	3.32	6.2	0.0	RICE
1117 MARKET AND CONSUMER STUDIES	0.15	6.4	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN
1118 MARKET AND CONSUMER STUDIES	1.35	6.4	0.0	CASSAVA MAIZE COWPEA RICE
1119 NUTRITION AND CONSUMER ANALYSIS	0.30	7.1	0.0	RICE SWEET POTATO YAM COCOYAM PLANTAIN
1120 NUTRITION AND CONSUMER ANALYSIS	0.70	7.1	0.0	CASSAVA SOYBEAN MAIZE COWPEA
1121 ASSESSMENT OF TRAINING NEEDS: IBADAN	0.73	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1122 EDITING, PRODUCING GROUP COURSE TRAINING MATERIALS-IBADAN	1.31	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1123 PRODUCTION OF TRAINING MATERIAL	0.60	9.2	0.0	RICE
1124 RESEARCH, PRODUCTION AND UTILIZATION COURSE	5.05	9.3	0.0	COWPEA SOYBEAN
1125 RESEARCH AND PRODUCTION COURSE	0.84	9.3	0.0	RICE
1126 RESEARCH PRODUCTION AND UTILIZATION TRAINING	1.35	9.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1127 RESEARCH PRODUCTION AND UTILIZATION COURSE, IBADAN	4.40	9.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1128 POST GRADUATE AND SPECIALIZED COURSES	2.32	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1129 HYBRID MAIZE COURSE	2.00	9.4	0.0	MAIZE
1130 SEED TECHNOLOGY TRAINING CASSAVA&OTHERS VEGETATIVE CROPS	0.60	9.4	0.0	CASSAVA YAM SWEET POTATO PLANTAIN
1131 POST-GRADUATE TRAINING	0.40	9.4	0.0	RICE
1132 POST-GRADUATE TRAINING AND VISITING SCIENTISTS	2.84	9.4	0.0	COWPEA SOYBEAN
1133 TRAINING ON VIRUS DISEASES OF FOOD CROPS	0.80	9.4	0.0	GRAIN LEGUMES CEREAL CROPS ROOT & TUBER PLANTAIN

1134 SPECIALIZED RESEARCH TRAINING: IBADAN	1.89	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1135 POST-GRADUATE RESEARCH TRAINING IN BIOCONTROL	0.12	9.4	0.0	CASSAVA
1136 POST-GRADUATE TRAINING AND VISITING SCIENTISTS	1.44	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1137 POST-GRADUATE AND SPECIALIZED TRAINING	0.36	9.4	0.0	COWPEA
1138 NETWORKING	0.44	11.0	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN BANANA
1139 COLLABORATIVE RESEARCH NETWORK - IKTP - AFRICA	0.75	11.0	0.0	RICE
1140 NETWORKING	2.11	11.0	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN BANANA
1141 CONFERENCES AND SEMINARS	4.50	12.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1142 DOCUMENTATION AND LIBRARY	3.56	12.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1143 DISSEMINATION OF INFORMATION MATERIALS	7.34	12.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
ILCA				
1144 SOIL SCIENCE AND PLANT NUTRITION	3.20	3.3	0.0	
1145 SUBHUMID ZONE PROGRAMME	27.00	4.0	5.0	LIVESTOCK
1146 ANIMAL NUTRITION SECTION	5.20	4.2	0.0	LIVESTOCK
1147 FORAGE LEGUME AGRONOMY	9.60	4.2	4.4	FORAGES
1148 ANIMAL REPRODUCTION AND HEALTH	7.20	4.3	0.0	LIVESTOCK
1149 HUMID ZONE PROGRAMME	24.00	5.0	10.2	LIVESTOCK
ILRAD				
1150 ILCA/ILRAD TRYPANOTOLERANT NETWORK	4.80	4.0	9.0	TRYPANOSOMIASIS
IRRI				
1151 PLANT GENETIC RESOURCE CONSERVATION AND MANAGEMENT. NAT RES.	0.40	3.0	0.0	RICE
1152 EDITING AND PUBLICATION TRAINING	0.60	9.5	0.0	
1153 TRANSFER OF TECHNOLOGY AND RESEARCH METHODS (DOC & LIB)	0.32	12.2	0.0	RICE
WARDA				
1154 AGRO-ECOLOGICAL CHARACTERIZATION	4.80	2.4	0.0	RICE
1155 POLICY RESEARCH AND ANALYSIS	2.00	8.1	0.0	RICE
1156 TRAINING COURSES: SEED MULTIPLICATION	0.48	9.0	0.0	RICE
1157 TRAINING COURSES: GRAIN-EATING BIRDS CONTROL	0.14	9.0	0.0	RICE
1158 TRAINING COURSES: AUDIO-VISUAL AND EXTENSION	0.20	9.0	0.0	RICE
	428.83			
** RWANDA				
CIAT				
1159 GREAT LAKES REGIONAL BEAN RESEARCH PROJECT	21.78	3.0	9.0	COMMON BEANS

CIMMYT

1160	GERMPLASM TESTING	0.28	3.1	0.0	MAIZE
1161	CROP PRODUCTION RESEARCH	0.10	3.4	0.0	MAIZE
1162	ASSESSMENT OF TRAINING NEEDS	0.11	9.1	0.0	MAIZE
1163	PRODUCTION OF TRAINING MATERIALS	0.09	9.2	0.0	MAIZE
1164	PRODUCTION TRAINING	1.11	9.3	0.0	MAIZE

CIP

1165	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	1.49	3.1	3.2	POTATO
1166	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	1.49	3.4	3.5	POTATO
1167	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.74	6.1	0.0	POTATO
1168	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.45	9.1	9.2	POTATO
1169	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.45	9.3	9.6	POTATO
1170	REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.62	10.2	10.3	POTATO
1171	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.45	10.2	10.3	POTATO
1172	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	1.01	11.0	12.1	POTATO
1173	COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.68	12.2	12.3	POTATO

IBPGR

1174	COLLECTION, CHARACTERIZATION, AND CONSERVATION - VAR. CROPS	1.03	1.0	0.0	ROOT & TUBER GRAIN LEGUMES CEREAL CROPS
1175	FORAGE COLLECTING	1.03	1.0	0.0	BANANA FORAGES
1176	TECHNICAL ASSISTANCE TO CEPGL PROJECT	3.96	1.0	0.0	FORAGES

ICRISAT

1177	SORGHUM BREEDING FOR LOWLAND AREAS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM
1178	SORGHUM BREEDING FOR HIGHLANDS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM

IFPRI

1179	COMMERCIALIZATION OF SEMI-SUBSISTENCE AGRICULTURE IN RWANDA	15.00	7.1	8.1	MAIZE SORGHUM TEA POTATO COMMON BEANS
1180	POLICY ISSUES FOR LONG-TERM GROWTH IN FERTILIZER USE IN E AF	2.60	8.1	9.4	

IITA

1181	REGENER.&CONSERV. ROOT+TUBER CROPS THROUGH TISSUE CULTURE.	0.83	1.0	0.0	CASSAVA YAM SWEET POTATO COCOYAM
1182	LAND CLEARING AND EROSION CONTROL	1.94	2.2	0.0	MAIZE COWPEA CASSAVA RICE
1183	SOIL MANAGEMENT TO INCREASE PRODUCTIVITY	0.73	2.2	0.0	MAIZE CASSAVA COWPEA RICE YAM
1184	BREEDING FOR YIELD, DISEASES AND INSECT RESISTANCE	3.02	3.1	0.0	CASSAVA YAM SWEET POTATO COCOYAM
1185	BREEDING FOR YIELD & DISEASES & INSECT PEST RESISTANCE	2.40	3.1	0.0	CASSAVA SWEET POTATO YAM
1186	IPM IDENTIFIC. ASSESSMT.OF PLANT DISEASES,INS.PESTS NEMATOD.	9.21	3.2	0.0	CASSAVA YAM SWEET POTATO
1187	AGRONOMIC TRIALS	0.44	3.4	0.0	CASSAVA SWEET POTATO YAM
1188	PLANT.MATERIAL PRODUCT. BY TISSUE CULTUR.&OTHER METHODS	0.35	3.5	0.0	CASSAVA YAM SWEET POTATO COCOYAM
1189	ON FARM ADAPTIVE RESEARCH METHODOLOGY	0.50	5.1	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN
1190	ON FARM ADAPTIVE RESEARCH METHODOLOGY	2.15	5.1	0.0	MAIZE COWPEA CASSAVA RICE
1191	CROPPING SYSTEMS RESEARCH	7.20	5.1	0.0	COWPEA CASSAVA MAIZE SORGHUM
1192	CROPPING SYSTEMS RESEARCH	1.80	5.1	0.0	P.BEAN SOYBEAN MAIZE SWEET POTATO PIGEONPEA
1193	SOCIO-ECONOMIC ANALYSIS OF CROPPING SYSTEMS	0.60	5.4	0.0	P.BEAN SOYBEAN MAIZE SWEET POTATO PIGEONPEA
1194	SOCIO-ECONOMIC ANALYSIS OF CROPPING SYSTEMS	2.40	5.4	0.0	COWPEA CASSAVA MAIZE SORGHUM
1195	RESEARCH AND PRODUCTION COURSE	0.14	9.3	0.0	MAIZE
1196	RESEARCH AND PRODUCTION TRAINING	0.90	9.3	0.0	CASSAVA SWEET POTATO YAM

ILCA				
1197 SMALL RUMINANT AND CAMEL GROUP	4.50	11.0	10.3	LIVESTOCK

ISNAR				
1198 RWANDA AG RESEARCH MASTER PLAN	2.50	8.1	8.3	
1199 RWANDA RESEARCH MANAGEMENT ADVISORY SERVICES	8.00	10.2	8.3	

105.54

** SENEGAL

CIMMYT				
1200 GERMPLASM ENHANCEMENT	0.90	3.1	0.0	MAIZE
1201 GERMPLASM TESTING	0.60	3.1	0.0	MAIZE
1202 ASSESSMENT OF TRAINING NEEDS	0.15	9.1	0.0	MAIZE
1203 PRODUCTION TRAINING	0.07	9.3	0.0	MAIZE
1204 ADVISORY NARS	0.07	10.2	0.0	MAIZE

CIP				
1205 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	2.52	3.1	3.2	POTATO
1206 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	2.52	3.4	3.5	POTATO
1207 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.26	6.1	0.0	POTATO
1208 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.89	9.1	9.2	POTATO
1209 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.89	9.3	9.6	POTATO
1210 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	1.89	10.3	10.2	POTATO
1211 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.63	12.2	12.3	POTATO

IBPGR				
1212 EQUIPMENT FOR GENE BANKS	0.14	1.0	0.0	

ICRISAT						
1213 DROUGHT FREQUENCIES AND PROBABILITIES IN WEST AFRICA	0.10	2.1	0.0	MILLET	SORGHUM	
1214 PHYSICAL AND HYDROLOGICAL CHARACTERISTICS OF SADORE SOILS	0.19	2.1	0.0	MILLET		
1215 MULTILLOCATION WATER BALANCE STUDIES IN NIGER	0.19	2.1	0.0	MILLET	SORGHUM	GROUNDNUT COWPEA
1216 EFFECT OF SOIL MANAGEMENT ON SOIL AND WATER CONSERVATION	0.29	2.1	2.2	MILLET	COWPEA	
1217 MICROCLIMATOLOGICAL STUDIES IN DIVERSE CROPPING SYSTEMS	0.10	2.3	0.0	MILLET	COWPEA	
1218 PREDICTION OF EVAPORATION FROM SPARSE DRYLAND MILLET CROP	0.10	2.3	0.0	MILLET		
1219 WATERBALANCE AND ADAPTATION ZONES FOR GROUNDNUT IN W.AFRICA	0.10	2.3	0.0	GROUNDNUT		
1220 DEFINITION OF MILLET ADAPTATION ZONES IN WEST AFRICA	0.10	2.3	0.0	MILLET		
1221 CLIMATIC DATA COLLECTION AND ANALYSIS FOR WEST AFRICA	0.90	2.3	2.4	MILLET	SORGHUM	GROUNDNUT
1222 REGIONAL AND INTERNATIONAL COOPERATION	0.77	3.1	0.0	MILLET		
1223 HIGH YIELDING EARLY MATURING HYBRIDS FOR WEST AFRICA	0.29	3.1	0.0	SORGHUM		
1224 HIGH YIELDING VARIETIES FOR HIGH RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM		
1225 YIELDS TESTS AND EXCHANGE NURSERIES	0.24	3.1	0.0	MILLET		
1226 EVALUATION OF FOOD AND NUTRITIONAL QUALITIES OF SORGHUM	0.27	3.1	0.0	SORGHUM		
1227 GENETIC STRUCTURE OF PENNISETUM SPECIES	0.96	3.1	0.0	MILLET		
1228 STUDY OF PHOTOPERIOD SENSITIVITY OF FULL SEASON MILLETS	0.14	3.1	0.0	MILLET		
1229 DEVELOPMENT OF SEED PARENTS AND HYBRIDS	0.14	3.1	0.0	MILLET		
1230 POPULATION IMPROVEMENT: FULL SEASON VARIETIES (120-150 DAYS)	0.29	3.1	0.0	MILLET		
1231 MULTILLOCATIONAL EVALUATION: NURSERIES AND YIELD TESTS	0.14	3.1	0.0	MILLET		

1232 DIVERSIFICATION AND USE OF GENETIC VARIABILITY	0.19	3.1	0.0					
1233 POPULATION IMPROVEMENT FOR HIGH YIELD AND DISEASE RESISTANCE	0.48	3.1	0.0	MILLET				
1234 GENETIC BASE: DIVERSIFICATION AND USE IN VARIETY DEVPT	0.29	3.1	0.0	MILLET				
1235 HIGH YIELDING VARIET. FOR INTERM. RAINFALL REG. OF W.AFRICA	0.48	3.1	0.0	SORGHUM				
1236 HIGH YIELDING VARIETIES FOR LOW RAINFALL REGIONS OF W.AFRICA	0.48	3.1	0.0	SORGHUM				
1237 COWPEA CULTIVARS FOR MILLET BASED PRODUCTION SYSTEMS	0.29	3.1	0.0	COWPEA	MILLET			
1238 SMUT AND ERGOT: SCREENING AND RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET				
1239 DOWNY MILDEW: SCREENING TECHNIQUES AND RESISTANCE IDENTIF	0.38	3.2	0.0	MILLET				
1240 STRIGA HERMONTICA SCREENING/RESISTANCE IDENTIFICATION	0.19	3.2	0.0	MILLET				
1241 COLLABORATIVE MILLET PATHOLOGY RESEARCH BETWEEN IC AND ISC	0.35	3.2	0.0	MILLET				
1242 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO GREY LEAF SPOT	0.29	3.2	0.0	SORGHUM				
1243 SCREENING FOR GRAIN MOLD RESISTANCE	0.38	3.2	0.0	SORGHUM				
1244 BIOLOGY AND IDENTIFICATION OF RESISTANCE TO SOOTY STRIPE	0.29	3.2	0.0	SORGHUM				
1245 SOURCES AND MANAGEMENT OF PHOSPHORUS	0.38	3.3	0.0	MILLET	SORGHUM	COWPEA		
1246 USEFULNESS CROP RESIDUE IN INCREASING CROP PRODUCTION	0.19	3.3	0.0	MILLET				
1247 RELATIVE EFFICIENCY AND FATE OF SULFUR FERTILIZERS	0.19	3.3	0.0	MILLET	SORGHUM	COWPEA		
1248 SOURCES AND MANAGEMENT OF NITROGEN FERTILIZERS	0.29	3.3	0.0	MILLET	SORGHUM	COWPEA		
1249 SOURCE AND/OR SINK LIMITATION IN MILLET CULTIVARS	0.19	3.4	0.0	MILLET				
1250 MILLET BASED CROPPING SYSTEMS	1.06	3.4	0.0	MILLET	GROUNDNUT	COWPEA		
1251 RIDGING, PHOSPHORUS FOR IMPROVED VARIET. OF MILLET & COWPEA	0.77	3.4	0.0	MILLET	COWPEA			
1252 EVALUATION OF INTERCROPPING SYSTEMS BASED ON PEARL MILLET	0.29	3.4	0.0	MILLET				
1253 INFLUENCE OF WINDBREAK ON GROWTH & YIELD OF MILLET & COWPEA	0.29	3.4	0.0	MILLET	COWPEA			
1254 EVALUATION OF FACTORS INFLUENCING PLANT ESTABLISHMENT	0.29	3.4	0.0	MILLET				
1255 IMPROVEMENT OF PEARL MILLET FOR BETTER CROP ESTABLISHMENT	0.67	3.4	0.0	MILLET				
1256 EVALUATION OF MILLET PRODUCTION SYSTEMS IN SAHELIAN ZONE	0.29	3.4	0.0	MILLET				
1257 RESOURCE USE PATTERNS IN AGROCLIMATIC REGIONS OF BURKINA-F.	0.08	8.3	0.0	SORGHUM	MILLET	GROUNDNUT		
1258 COMMERCIAL CHANGES FOR FARMING INPUTS & CROP OUTPUTS IN B-F.	0.24	8.3	0.0	SORGHUM	MILLET	GROUNDNUT		
1259 EVALUATION OF NEW TECHNOLOGIES ON FARMER'S FIELDS	0.32	8.3	0.0	SORGHUM	MILLET	GROUNDNUT		
1260 FARM RESOURCE USE AND PRODUCTIVITY IN WESTERN NIGER	0.24	8.3	0.0	MILLET	SORGHUM	COWPEA	GROUNDNUT	
IFPRI								
1261 CHANGING ROLE OF COARSE GRAINS IN WEST AFRICA	6.12	7.1	11.0	RICE	WHEAT	MILLET	SORGHUM	MAIZE
1262 FOOD AID IN FOUR AFRICAN COUNTRIES	1.00	8.1	0.0					
1263 CHANGING ROLE OF COARSE GRAINS IN WEST AFRICA	7.48	8.2	7.1	RICE	WHEAT	MILLET	SORGHUM	MAIZE
1264 AGRICULTURAL RESEARCH AND TECHNOLOGY, COMP STUDY OF 6 COUNTR	2.00	8.3	0.0					
1265 CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3					
IITA								
1266 SOIL AND WATER MANAGEMENT IN SEMI ARID CROPPING SYSTEMS	0.82	2.1	0.0	MAIZE	COWPEA	SORGHUM	MILLET	
1267 REGIONAL CROP IMPROVEMENT AND TESTING NIGER	1.56	3.1	0.0	COWPEA				
1268 BREEDING FOR EARLY INTERMEDIATE MATURITY & DROUGHT STRESS	0.82	3.1	0.0	MAIZE				
1269 BREEDING FOR APHIDS, BRUCHIDS, DROUGHT & STRIGA RESISTANCE	1.22	3.1	0.0	COWPEA				
1270 IPM OF MILLIPEDES, ARMY WORMS, STEM BORERS, AND TERMITES	0.17	3.2	0.0	MAIZE				
1271 EVALUATION OF PEST AND ASSESSMENT OF YIELD LOSS	0.44	3.2	0.0	COWPEA				
1272 SOIL COMPACTION, TILLAGE, DROUGHT, AND STRESS STUDIES	0.82	3.4	0.0	MAIZE				
1273 INTERCROPPING, RELAY CROPPING & MANAGEMENT FACTOR STUDIES	0.61	3.4	0.0	COWPEA	MAIZE	SORGHUM	MILLET	
1274 POST-GRADUATE AND SPECIALIZED TRAINING	0.18	9.4	0.0	COWPEA				
ILCA								
1275 LIVESTOCK PRODUCTIVITY AND TRYPANOTOLERANT GROUP	7.20	4.1	4.0	LIVESTOCK				

ILRAD				
1276 NDAMA CATTLE PRODUCTION	11.40	4.0	9.3	LIVESTOCK

IRRI				
1277 PLANT GENETIC RESOURCE CONSERVATION AND MANAGEMENT. NAT RES.	0.40	3.0	0.0	RICE
1278 TRANSFER OF TECHNOLOGY AND RESEARCH METHODS (DOC & LIB)	0.32	12.2	0.0	RICE

ISNAR				
1279 STUDY OF MANAGEMENT OF ON-FARM RESEARCH	4.75	5.4	0.0	

WARDA				
1280 WATER MANAGEMENT	24.00	2.1	0.0	RICE
1281 SOIL MANAGEMENT	7.80	2.2	0.0	RICE
1282 PLANT PROTECTION: INSECTS,DISEASES,WEEDS,CRABS,RODENTS,ETC.	9.24	3.2	0.0	RICE
1283 CROP MANAGEMENT - AGRONOMY	10.80	3.4	0.0	RICE
1284 CROP MANAGEMENT: AZOLLA (CROP & SOIL IMPROVEMENT)	6.30	3.4	0.0	RICE
1285 SEED PRODUCTION	7.20	3.5	0.0	RICE
1286 MECHANIZATION	1.80	5.3	0.0	RICE
1287 TECHNOLOGY ASSESSMENT AND TRANSFER	16.28	5.4	0.0	RICE
1288 POST-HARVEST TECHNOLOGY:GRAIN QUALITY EVALUATION	0.50	6.0	0.0	RICE
1289 POST-HARVEST TECHNOLOGY: POST-HARVEST LOSSES	2.40	6.0	0.0	RICE

164.21

** SIERRA LEONE

IBPGR				
1290 TECHNIQUES FOR SEED GENE BANKS	0.20	1.0	0.0	

IITA				
1291 UPLAND WATER CONSERVATION	1.15	2.1	0.0	MAIZE COWPEA RICE CASSAVA SOYBEAN
1292 WETLAND HYDROLOGY	1.50	2.1	0.0	RICE COWPEA SWEET POTATO
1293 AGROECOLOGICAL CHARACTERIZATION	0.40	2.4	0.0	MAIZE CASSAVA COWPEA RICE YAM
1294 INTERCROPPING, ROTATION AND SOIL FERTILITY	0.56	3.4	0.0	RICE
1295 DEVELOPMENT OF TECHNOLOGY FOR SUSTAINABLE CROP YIELDS	2.65	3.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
				PLANTAIN
1296 EDITING, PRODUCING GROUP COURSE TRAINING MATERIALS-IBADAN	0.42	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
				PLANTAIN
1297 RESEARCH PRODUCTION AND UTILIZATION TRAINING	0.45	9.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
				PLANTAIN
1298 POST-GRADUATE TRAINING	0.40	9.4	0.0	RICE

IRRI				
1299 TRANSFER OF TECHNOLOGY AND RESEARCH METHODS (DOC & LIB)	0.32	12.2	0.0	RICE

WARDA				
1300 SOIL MANAGEMENT	13.00	2.2	0.0	RICE
1301 AGRO ECOLOGICAL CHARACTERIZATION	4.37	2.4	0.0	RICE
1302 PLANT PROTECTION: INSECTS,DISEASES,WEEDS,CRABS,RODENTS,ETC.	13.44	3.2	0.0	RICE
1303 PLANT NUTRITION/IRON TOXICITY AND SALINITY	4.80	3.3	0.0	RICE
1304 CROP MANAGEMENT: AZOLLA (CROP & SOIL IMPROVEMENT)	4.50	3.4	0.0	RICE

1305 CROP MANAGEMENT - AGRONOMY	13.50	3.4	0.0	RICE
1306 SEED PRODUCTION	7.20	3.5	0.0	RICE
1307 MECHANIZATION	10.80	5.3	0.0	RICE
1308 TECHNOLOGY ASSESSMENT AND TRANSFER	23.68	5.4	0.0	RICE
1309 POST-HARVEST TECHNOLOGY:GRAIN QUALITY EVALUATION	0.50	6.0	0.0	RICE
1310 TRAINING COURSES: SEED MULTIPLICATION	0.48	9.0	0.0	RICE
1311 TRAINING COURSES: GRAIN-EATING BIRDS CONTROL	0.26	9.0	0.0	RICE
1312 TRAINING COURSES: AUDIO-VISUAL AND EXTENSION	0.38	9.0	0.0	RICE
	104.96			
** SOMALIA				
CIAT				
1313 EASTERN AFRICA REGIONAL BEAN PROJECT	2.30	3.0	9.0	COMMON BEANS
CIMMYT				
1314 CROP PRODUCTION RESEARCH	0.10	3.4	0.0	MAIZE
1315 CROP PRODUCTION RESEARCH	0.28	3.4	0.0	WHEAT
1316 ASSESSMENT OF TRAINING NEEDS	0.11	9.1	0.0	MAIZE
1317 ASSESSMENT OF TRAINING NEEDS	0.03	9.1	0.0	WHEAT
1318 PRODUCTION OF TRAINING MATERIALS	0.09	9.2	0.0	MAIZE
1319 PRODUCTION TRAINING	1.11	9.3	0.0	MAIZE
1320 PRODUCTION TRAINING	0.60	9.3	0.0	WHEAT
ICRISAT				
1321 SORGHUM BREEDING FOR LOWLAND AREAS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM
1322 SORGHUM BREEDING FOR HIGHLANDS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM
IFPRI				
1323 POLITICAL ECONOMY OF AGRICULTURE PRICING POLICIES IN DEV.CON	3.50	8.2	11.0	
IITA				
1324 REGIONAL CROP IMPROVEMENT AND TESTING TANZANIA	3.25	3.1	0.0	COWPEA SOYBEAN
ILCA				
1325 SOIL SCIENCE AND PLANT NUTRITION	3.20	3.3	0.0	
1326 ANIMAL REPRODUCTION AND HEALTH	7.20	4.3	0.0	LIVESTOCK
	23.23			
** SUDAN				
IBPGR				
1327 TECHNIQUES FOR SEED GENE BANKS	0.20	1.0	0.0	
1328 MULTIPLICATION AND CHARACTERIZATION OF HORTICULTURAL GERMPLS	4.02	1.0	0.0	HORTICULTURAL CROPS

ICARDA				
1329 BREAD WHEAT BREEDING	2.00	3.0	3.1	WHEAT TRITICALE
1330 SCREENING FOR RESISTANCE TO APHIDS IN CEREALS	1.20	3.1	3.2	WHEAT BARLEY
1331 INTERNATIONAL NURSERY PROGRAM ON FABA BEAN. CROP PRO RESERC	9.50	3.1	3.4	FABA BEAN
1332 INTERNATIONAL NURSERY PROGRAM ON LENTIL AND CHICKPEA	2.40	3.1	3.4	LENTIL CHICKPEA
1333 CEREAL PATHOLOGY	1.90	3.2	12.0	WHEAT
1334 CROP PRODUCTIVITY RESEARCH	3.15	3.4	9.6	WHEAT BARLEY
1335 HUMAN RESOURCES ENHANCEMENT	1.01	9.0	0.0	BARLEY WHEAT
1336 HUMAN RESOURCE ENHANCEMENT	3.00	9.3	9.4	FABA BEAN LENTIL CHICKPEA
1337 HUMAN RESOURCES ENHANCEMENT	3.60	9.3	10.2	LIVESTOCK FORAGES
1338 ECONOMICS OF FOOD LEGUME PRODUCTION AND MARKETING	3.60	10.2	8.2	FABA BEAN WHEAT
ICRISAT				
1339 SORGHUM BREEDING FOR LOWLAND AREAS OF EASTERN AFRICA	0.71	3.1	0.0	SORGHUM
ILCA				
1340 SMALL RUMINANT AND CAMEL GROUP	3.00	11.0	10.3	LIVESTOCK
	39.29			
** SWAZILAND				
CIAT				
1341 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.56	3.0	9.0	COMMON BEANS
CIMMYT				
1342 CROP PRODUCTION RESEARCH	0.50	3.4	0.0	MAIZE
1343 ASSESSMENT OF TRAINING NEEDS	0.05	9.1	0.0	MAIZE
1344 PRODUCTION OF TRAINING MATERIALS	0.20	9.2	0.0	MAIZE
1345 PRODUCTION TRAINING	0.20	9.3	0.0	MAIZE
1346 WORKSHOP SEMINAR	0.20	12.1	0.0	MAIZE
ICRISAT				
1347 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.47	3.1	0.0	MILLET
1348 DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.36	3.1	0.0	SORGHUM
1349 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	0.84	3.1	3.2	MILLET
1350 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	0.72	3.1	3.2	SORGHUM
1351 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.36	3.2	0.0	MILLET
1352 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.12	3.2	0.0	SORGHUM
1353 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.36	3.2	0.0	SORGHUM
1354 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.36	3.2	0.0	GROUNDNUT
1355 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.36	3.2	0.0	GROUNDNUT
1356 SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.47	3.2	0.0	GROUNDNUT
IFPRI				
1357 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3	
IITA				
1358 REGIONAL CROP IMPROVEMENT AND TESTING ZIMBABWE	1.15	3.1	0.0	COWPEA SOYBEAN
	7.39			

** TANZANIA

CIAT				
1359 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.55	3.0	9.0	COMMON BEANS
CIMMYT				
1360 GERMPLASM PRESERVATION	0.40	3.1	0.0	MAIZE
1361 GERMPLASM ENHANCEMENT	7.00	3.1	0.0	MAIZE
1362 GERMPLASM ENHANCEMENT	2.50	3.1	0.0	MAIZE
1363 GERMPLASM ENHANCEMENT	4.55	3.1	0.0	MAIZE
1364 GERMPLASM TESTING	0.55	3.1	0.0	MAIZE
1365 GERMPLASM TESTING	0.38	3.1	0.0	MAIZE
1366 GERMPLASM TESTING	2.00	3.1	0.0	MAIZE
1367 CROP PRODUCTION RESEARCH	0.40	3.4	0.0	MAIZE
1368 CROP PRODUCTION RESEARCH	0.28	3.4	0.0	WHEAT
1369 SOCIO ECONOMIC ANALYSIS	0.20	5.4	0.0	MAIZE WHEAT
1370 ANALYSIS OF RESEARCH PRODUCTIVITY	0.05	8.3	0.0	MAIZE WHEAT
1371 ASSESSMENT OF TRAINING NEEDS	0.45	9.1	0.0	MAIZE
1372 ASSESSMENT OF TRAINING NEEDS	0.03	9.1	0.0	WHEAT
1373 ASSESSMENT OF TRAINING NEEDS	0.10	9.1	0.0	MAIZE WHEAT
1374 PRODUCTION OF TRAINING MATERIALS	0.35	9.2	0.0	MAIZE
1375 PRODUCTION OF TRAINING MATERIALS	0.53	9.2	0.0	MAIZE WHEAT
1376 PRODUCTION TRAINING	2.80	9.3	0.0	MAIZE WHEAT
1377 PRODUCTION TRAINING	4.45	9.3	0.0	MAIZE
1378 PRODUCTION TRAINING	1.20	9.3	0.0	MAIZE
1379 PRODUCTION TRAINING	0.60	9.3	0.0	WHEAT
1380 PRODUCTION TRAINING	0.40	9.3	0.0	MAIZE WHEAT
1381 PRODUCTION TRAINING	1.93	9.3	0.0	MAIZE WHEAT
1382 ADVISORY NARS	2.00	10.2	0.0	MAIZE
1383 ADVISORY NARS	1.00	10.2	0.0	MAIZE
1384 ADVISORY NARS	0.25	10.2	0.0	MAIZE
1385 ADVISORY NARS	0.60	10.2	0.0	MAIZE
1386 ADVISORY NARS	0.30	10.2	0.0	MAIZE WHEAT
1387 WORKSHOP SEMINAR	0.20	12.1	0.0	MAIZE
1388 WORKSHOP SEMINAR	0.50	12.1	0.0	MAIZE WHEAT
CIP				
1389 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	6.1	6.2	POTATO
1390 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	6.1	6.2	POTATO
1391 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	6.4	9.1	POTATO
1392 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	9.2	9.3	POTATO
1393 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	9.4	9.6	POTATO
ICRISAT				
1394 DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.37	3.1	0.0	SORGHUM
1395 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	1.20	3.1	0.0	GROUNDNUT
1396 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.47	3.1	0.0	MILLET
1397 DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.36	3.1	0.0	SORGHUM
1398 SORGHUM BREEDING FOR LOWLAND AREAS OF EASTERN AFRICA	0.71	3.1	0.0	SORGHUM
1399 SORGHUM BREEDING FOR HIGHLANDS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM

1400 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	0.72	3.1	3.2	SORGHUM
1401 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	0.84	3.1	3.2	MILLET
1402 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.36	3.1	3.2	SORGHUM MILLET
1403 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.36	3.2	0.0	GROUNDNUT
1404 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.36	3.2	0.0	GROUNDNUT
1405 SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.47	3.2	0.0	GROUNDNUT
1406 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.36	3.2	0.0	MILLET
1407 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.12	3.2	0.0	SORGHUM
1408 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.36	3.2	0.0	SORGHUM
IFPRI				
1409 FOOD AID IN FOUR AFRICAN COUNTRIES	1.00	8.1	0.0	
1410 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3	
1411 AGRICULTURAL RESEARCH AND TECHNOLOGY, COMP STUDY OF 6 COUNTR	2.00	8.3	0.0	
1412 DATA NEEDS FOR FOOD AND AGRICULTURAL POLICY ANALYSIS	2.50	12.1	0.0	
IITA				
1413 GERMPLASM COLLECTION, CONSERVATION EVALUATION AND RESEARCH	3.30	1.0	0.0	COWPEA RICE SOYBEAN BAMBARA GINUBY/MINOR LEGUMES
1414 BREEDING FOR MID-ALTITUDE ECOLOGIES AND VARIETY TESTING	1.25	3.1	0.0	MAIZE
1415 BREEDING FOR YIELD & DISEASES & INSECT PEST RESISTANCE	1.60	3.1	0.0	CASSAVA SWEET POTATO YAM
1416 DEVELOPMENT OF IMPROVED BREEDING MATERIALS	4.78	3.1	0.0	COWPEA
1417 PLANT IMPROVEMENT/INTERNATIONAL TESTING	0.18	3.1	0.0	COWPEA
1418 PLANT IMPROVEMENT / INTERNATIONAL TESTING	0.18	3.1	0.0	SOYBEAN
1419 REGIONAL CROP IMPROVEMENT AND TESTING TANZANIA	6.51	3.1	0.0	COWPEA SOYBEAN
1420 AGRONOMIC TRIALS	0.04	3.4	0.0	CASSAVA SWEET POTATO YAM
1421 SOYBEAN UTILIZATION	0.52	6.2	0.0	SOYBEAN
1422 ASSESSMENT OF TRAINING NEEDS: IBADAN	0.52	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1423 ASSESSMENT OF TRAINING NEEDS TANZANIA	1.03	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1424 PRODUCTION OF TRAINING MATERIALS: TANZANIA	0.15	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1425 EDITING, PRODUCING GROUP COURSE TRAINING MATERIALS-IBADAN	1.01	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1426 RESEARCH AND PRODUCTION COURSE	3.22	9.3	0.0	RICE
1427 RESEARCH PRODUCTION AND UTILIZATION COURSE, IBADAN	2.60	9.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1428 RESEARCH, PRODUCTION AND UTILIZATION COURSE	3.55	9.3	0.0	COWPEA SOYBEAN
1429 RESEARCH PRODUCTION AND UTILIZATION COURSE: TANZANIA	2.64	9.3	0.0	ROOT & TUBER COWPEA RICE SOYBEAN
1430 SPECIALIZED RESEARCH TRAINING: IBADAN	0.22	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1431 POST GRADUATE AND SPECIALIZED COURSES	2.32	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1432 POST-GRADUATE TRAINING AND VISITING SCIENTISTS	0.96	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1433 COLLABORATIVE RESEARCH NETWORK - IKTP - AFRICA	0.75	11.0	0.0	RICE
1434 CONFERENCES AND SEMINARS	4.50	12.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN

ILCA					
1435 PANESA	3.20	11.0	0.0	FORAGES	
IRRI					
1436 EDITING AND PUBLICATION TRAINING	0.60	9.5	0.0		
	99.98				
** TOGO					
CIMMYT					
1437 GERMPLASM ENHANCEMENT	3.00	3.1	0.0	MAIZE	
1438 GERMPLASM TESTING	1.00	3.1	0.0	MAIZE	
1439 ASSESSMENT OF TRAINING NEEDS	0.25	9.1	0.0	MAIZE	
1440 PRODUCTION TRAINING	1.00	9.2	0.0	MAIZE	
1441 ADVISORY NARS	0.75	10.2	0.0	MAIZE	
CIP					
1442 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.28	3.1	3.2	POTATO	
1443 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.28	3.4	3.5	POTATO	
1444 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.14	6.1	0.0	POTATO	
1445 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.21	9.1	9.2	POTATO	
1446 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.21	9.3	9.6	POTATO	
1447 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.21	10.3	10.2	POTATO	
1448 REGIONAL RESEARCH AND TRAINING FOR NORTH AND WEST AFRICA	0.07	12.2	12.3	POTATO	
IBPGR					
1449 MULTIPLICATION, CHARACTERIZATION, AND DOC. OF EGGPLANT	1.34	1.0	0.0	EGGPLANT	
1450 EQUIPMENT FOR GENE BANKS	0.15	1.0	0.0		
IITA					
1451 RESEARCH & PRODUCTION TRAINING COURSE	0.26	9.3	0.0	CASSAVA YAM SWEET POTATO COCOYAM	
ILRAD					
1452 ILCA/ILRAD TRYPANOTOLERANT NETWORK	4.80	4.0	9.0	TRYPANOSOMIASIS	
WARDA					
1453 AGRO ECOLOGICAL CHARACTERIZATION	4.12	2.4	0.0	RICE	
1454 AGRO-ECOLOGICAL CHARACTERIZATION	3.60	2.4	0.0	RICE	
	21.67				
** UGANDA					
CIAT					
1455 EASTERN AFRICA REGIONAL BEAN PROJECT	8.05	3.0	9.0	COMMON BEANS	
CIP					
1456 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.62	10.2	10.3	POTATO	

IBPGR				
1457 COLLECTION OF SORGHUM, MILLETS, SWEET POTATO, AND CASSAVA	2.04	1.0	0.0	SORGHUM MILLET SWEET POTATO CASSAVA
ICRISAT				
1458 SORGHUM BREEDING FOR LOWLAND AREAS OF EASTERN AFRICA	0.73	3.1	0.0	SORGHUM
1459 SORGHUM BREEDING FOR HIGHLANDS OF EASTERN AFRICA	0.71	3.1	0.0	SORGHUM
IITA				
1460 RESEARCH PRODUCTION AND UTILIZATION COURSE: TANZANIA	1.00	9.3	0.0	ROOT & TUBER COWPEA RICE SOYBEAN
1461 POST GRADUATE AND SPECIALIZED COURSES	0.72	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
1462 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.87	9.4	0.0	PLANTAIN
1463 POST-GRADUATE RESEARCH TRAINING IN BIOCONTROL	0.10	9.4	0.0	CASSAVA
ISNAR				
1464 UGANDA EXPLORATORY MISSION	1.50	10.2	0.0	CASSAVA
	16.34			
** ZAIRE				
CIAT				
1465 GREAT LAKES REGIONAL BEAN RESEARCH PROJECT	22.44	3.0	9.0	COMMON BEANS
CIP				
1466 COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.66	3.1	3.2	POTATO
1467 COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.66	3.4	3.5	POTATO
1468 COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.33	6.1	0.0	POTATO
1469 COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.20	9.1	9.2	POTATO
1470 COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.20	9.3	9.6	POTATO
1471 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.62	10.2	10.3	POTATO
1472 COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.20	10.2	10.3	POTATO
1473 COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.45	11.0	12.1	POTATO
1474 COLLABORATIVE COUNTRY RESEARCH NETWORK (PRAPAC)	0.30	12.2	12.3	POTATO
IBPGR				
1475 COLLECTION, CHARACTERIZATION, AND CONSERVATION - VAR. CROPS	1.00	1.0	0.0	ROOT & TUBER GRAIN LEGUMES CEREAL CROPS
1476 FORAGE COLLECTING	1.00	1.0	0.0	BANANA
1477 TECHNICAL ASSISTANCE TO CEPGL PROJECT	3.96	1.0	0.0	FORAGES
IFPRI				
1478 TRENDS AND PROSPECTS OF CASSAVA IN THE THIRD WORLD	3.00	7.1	8.1	CASSAVA
1479 MACROECONOMIC POLICIES AND AGRICULTURAL STRATEGIES	2.40	8.1	8.2	
1480 POLICY ISSUES FOR LONG-TERM GROWTH IN FERTILIZER USE IN E AF	2.60	8.1	9.4	
1481 ECONOMIC ANALYSIS OF FOOD PRODUCTION IN THE ZAIREAN BASIN	6.50	8.1	12.3	RICE MAIZE CASSAVA PLANTAIN
1482 MACROECONOMIC POLICIES AND AGRICULTURAL STRATEGIES	0.60	9.4	12.3	

IITA							
1483	REGENER.&CONSERV. ROOT+TUBER CROPS THROUGH TISSUE CULTURE.	1.52	1.0	0.0	CASSAVA YAM SWEET POTATO COCOYAM		
1484	SOIL MANAGEMENT TO INCREASE PRODUCTIVITY	1.40	2.2	0.0	MAIZE CASSAVA COWPEA RICE YAM		
1485	PLANT IMPROVEMENT / INTERNATIONAL TESTING	0.18	3.1	0.0	SOYBEAN		
1486	BREEDING IMPROVED GERMPLASM	6.00	3.1	0.0	COWPEA SOYBEAN		
1487	EVALUATION OF PLANTING MATERIALS	3.00	3.1	0.0	CASSAVA		
1488	BREEDING FOR YIELD, DISEASES AND INSECT RESISTANCE	5.54	3.1	0.0	CASSAVA YAM SWEET POTATO COCOYAM		
1489	BREEDING MAIZE FOR RESISTANCE TO DISEASES INSECTS PESTS/WEED	13.95	3.1	0.0	MAIZE		
1490	BREEDING FOR STALK & EAR ROOT DOWNY MILD.,STREAK,RUST&BLIGHT	20.50	3.1	0.0	MAIZE		
1491	PLANT PROTECTION	2.74	3.2	0.0	COWPEA SOYBEAN		
1492	IPM IDENTIFIC. ASSESSMT.OF PLANT DISEASES,INS.PESTS NEMATOD.	6.58	3.2	0.0	CASSAVA YAM SWEET POTATO		
1493	STUDIES OF VIRUS DISEASES OF FOOD CROPS	2.20	3.2	0.0	GRAIN LEGUMES CEREAL CROPS ROOT & TUBER PLANTAIN		
1494	IPM, ASSESSMENT, IDENTIFICATION OF INSECTS	5.50	3.2	0.0	CASSAVA		
1495	INTEGRATED VEGETATION MANAGEMENT	1.35	3.2	0.0	MAIZE CASSAVA RICE COWPEA SOYBEAN		
1496	BIOLOGICAL NITROGEN FIXAT. NUTRIENT RECYCL.&FERTILIZ.EFFICI.	3.46	3.3	0.0	COWPEA SOYBEAN MAIZE CASSAVA FALLOW SPECIES		
1497	SOIL FERTILITY TRIALS	10.00	3.3	0.0	CASSAVA GRAIN LEGUMES		
1498	DEVELOPMENT OF IMPROVED CROP PRODUCTION TECHNOLOGY	13.50	3.4	0.0	CASSAVA GRAIN LEGUMES		
1499	PRODUCTION OF PLANTING MATERIALS	2.00	3.5	0.0	CASSAVA		
1500	PLANT.MATERIAL PRODUCT. BY TISSUE CULTUR.&OTHER METHODS	0.60	3.5	0.0	CASSAVA YAM SWEET POTATO COCOYAM		
1501	ON FARM ADAPTIVE RESEARCH METHODOLOGY	1.00	5.1	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN		
1502	ON FARM ADAPTIVE RESEARCH METHODOLOGY	4.30	5.1	0.0	MAIZE COWPEA CASSAVA RICE		
1503	STUDIES OF CROPPING SYSTEMS	10.50	5.1	0.0	CASSAVA MAIZE GRAIN LEGUMES		
1504	BIOCHEMICAL ASPECTS & NUTRITIONAL QUALITY STUDIES	0.49	5.2	0.0	CASSAVA YAM SWEET POTATO		
1505	ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	0.63	5.4	0.0	RICE YAM COCOYAM SWEET POTATO PLANTAIN		
1506	ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	2.52	5.4	0.0	CASSAVA MAIZE COWPEA SOYBEAN		
1507	PRE-SURVEY AND SURVEYS OF RESEARCH SITES AND BASE DATA COLL.	18.50	5.4	0.0	CASSAVA MAIZE GRAIN LEGUMES		
1508	VILLAGE LEVEL STUDIES OF PROCESSING	0.25	6.2	0.0	SOYBEAN CASSAVA		
1509	MARKET AND CONSUMER STUDIES	0.05	6.4	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN		
1510	MARKET AND CONSUMER STUDIES	0.45	6.4	0.0	CASSAVA MAIZE COWPEA RICE		
1511	NUTRITION AND CONSUMER ANALYSIS	0.11	7.1	0.0	RICE SWEET POTATO YAM COCOYAM PLANTAIN		
1512	NUTRITION AND CONSUMER ANALYSIS	0.26	7.1	0.0	CASSAVA SOYBEAN MAIZE COWPEA		
1513	RESEARCH AND PRODUCTION COURSE	0.20	9.3	0.0	MAIZE		
1514	GENERAL TRAINING IN RESEARCH AND PRODUCTION	20.00	9.3	0.0	CASSAVA MAIZE COWPEA SOYBEAN		
1515	TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.87	9.4	0.0	CASSAVA		
1516	TRAINING ON VIRUS DISEASES OF FOOD CROPS	0.20	9.4	0.0	GRAIN LEGUMES CEREAL CROPS ROOT & TUBER PLANTAIN		
1517	TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.90	9.4	0.0	CASSAVA		
1518	POST-GRADUATE TRAINING	0.22	9.4	0.0	CASSAVA YAM SWEET POTATO COCOYAM		
1519	POST-GRADUATE TRAINING AND VISITING SCIENTISTS	0.72	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN		
1520	POST-GRADUATE TRAINING AND VISITING SCIENTISTS	1.42	9.4	0.0	COWPEA SOYBEAN		
1521	POST-GRADUATE RESEARCH TRAINING IN BIOCONTROL	0.10	9.4	0.0	CASSAVA		
1522	DOCUMENTATION AND LIBRARY	1.94	12.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN		
1523	DISSEMINATION OF INFORMATION MATERIALS	5.18	12.3	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN		
ILRAD							
1524	ILCA/ILRAD TRYPANOTOLERANT NETWORK	4.80	4.0	9.0	TRYPANOSOMIASIS		

ISNAR				
1525 ZAIRE - REORGANIZATION OF INERA	7.00	10.2	0.0	
	229.75			
** ZAMBIA				
CIAT				
1526 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.55	3.0	9.0	COMMON BEANS
CIMMYT				
1527 GERMPLASM TESTING	0.55	3.1	0.0	MAIZE
1528 CROP PRODUCTION RESEARCH	1.25	3.4	0.0	MAIZE
1529 SOCIO ECONOMIC ANALYSIS	0.30	5.4	0.0	MAIZE WHEAT
1530 ANALYSIS OF RESEARCH PRODUCTIVITY	0.07	8.3	0.0	MAIZE WHEAT
1531 ASSESSMENT OF TRAINING NEEDS	0.12	9.1	0.0	MAIZE
1532 ASSESSMENT OF TRAINING NEEDS	0.15	9.1	0.0	MAIZE WHEAT
1533 PRODUCTION OF TRAINING MATERIALS	0.50	9.2	0.0	MAIZE
1534 PRODUCTION OF TRAINING MATERIALS	0.79	9.2	0.0	MAIZE WHEAT
1535 PRODUCTION TRAINING	0.50	9.3	0.0	MAIZE
1536 PRODUCTION TRAINING	0.40	9.3	0.0	MAIZE WHEAT
1537 PRODUCTION TRAINING	2.89	9.3	0.0	MAIZE WHEAT
1538 ADVISORY NARS	1.00	10.2	0.0	MAIZE
1539 ADVISORY NARS	0.45	10.2	0.0	MAIZE WHEAT
1540 WORKSHOP SEMINAR	0.50	12.1	0.0	MAIZE
1541 WORKSHOP SEMINAR	0.75	12.1	0.0	MAIZE WHEAT
CIP				
1542 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	6.1	6.2	POTATO
1543 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	6.1	6.2	POTATO
1544 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	6.4	9.1	POTATO
1545 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	9.2	9.3	POTATO
1546 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.88	9.4	9.6	POTATO
IBPGR				
1547 TECHNIQUES FOR SEED GENE BANKS	0.20	1.0	0.0	
ICRISAT				
1548 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	1.20	3.1	0.0	GROUNDNUT
1549 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.47	3.1	0.0	MILLET
1550 DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.36	3.1	0.0	SORGHUM
1551 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	0.72	3.1	3.2	SORGHUM
1552 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	0.84	3.1	3.2	MILLET
1553 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.36	3.1	3.2	SORGHUM MILLET
1554 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.12	3.2	0.0	SORGHUM
1555 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.36	3.2	0.0	SORGHUM
1556 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.36	3.2	0.0	GROUNDNUT
1557 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.36	3.2	0.0	GROUNDNUT
1558 SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.49	3.2	0.0	GROUNDNUT
1559 SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.47	3.2	0.0	GROUNDNUT
1560 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.36	3.2	0.0	MILLET

IFPRI

1561 IMPACT OF TECHNOLOGICAL CHANGE IN AGRICULTURE ON RURAL WELFR	29.00	5.4	7.1	MAIZE	LIVESTOCK
1562 FOOD CONSUMPTION/NUTRITION EFFECTS OF MAIZE PRICE MKT POLICY	3.00	7.1	8.2	MAIZE	
1563 POLITICAL ECONOMY OF AGRICULTURE PRICING POLICIES IN DEV.CON	3.50	8.2	11.0		
1564 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3		
1565 CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3		

IITA

1566 BREEDING FOR MID-ALTITUDE ECOLOGIES AND VARIETY TESTING	1.88	3.1	0.0	MAIZE	
1567 REGIONAL CROP IMPROVEMENT AND TESTING ZIMBABWE	3.08	3.1	0.0	COWPEA	SOYBEAN
1568 BIOLOGICAL CONTROL OF CASSAVA MEALYBUG & GREEN SPIDER MITES	16.13	3.2	0.0	CASSAVA	
1569 SOYBEAN UTILIZATION	0.52	6.2	0.0	SOYBEAN	
1570 TRAINING IN BIOLOGICAL CONTROL OF INSECT PESTS	0.94	9.4	0.0	CASSAVA	
1571 POST-GRADUATE RESEARCH TRAINING IN BIOCONTROL	0.12	9.4	0.0	CASSAVA	

ISNAR

1572 STUDY OF MANAGEMENT OF ON-FARM RESEARCH	5.50	5.4	0.0		
1573 SOUTHERN AFRICA AG RES MANAGEMENT TRAINING PROJECT	1.95	9.1	9.5		

87.77

** ZIMBABWE

CIAT

1574 SADCC/CIAT REGIONAL PROGRAMME ON BEANS IN SOUTHERN AFRICA	0.55	3.0	9.0	COMMON BEANS	
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CIMMYT

1575 GERMPLASM PRESERVATION	0.20	3.1	0.0	MAIZE	
1576 GERMPLASM ENHANCEMENT AND CONSERVATION	0.10	3.1	0.0	WHEAT	
1577 GERMPLASM ENHANCEMENT	3.50	3.1	0.0	MAIZE	
1578 GERMPLASM ENHANCEMENT	2.50	3.1	0.0	MAIZE	
1579 GERMPLASM ENHANCEMENT	2.27	3.1	0.0	MAIZE	
1580 GERMPLASM ENHANCEMENT	1.20	3.1	0.0	WHEAT	
1581 GERMPLASM ENHANCEMENT	0.20	3.1	0.0	WHEAT	
1582 GERMPLASM TESTING	0.38	3.1	0.0	MAIZE	
1583 GERMPLASM TESTING	1.00	3.1	0.0	MAIZE	
1584 GERMPLASM TESTING	0.20	3.1	0.0	WHEAT	
1585 GERMPLASM TESTING	0.40	3.1	0.0	WHEAT	
1586 CROP PRODUCTION RESEARCH	1.25	3.4	0.0	MAIZE	
1587 SOCIO ECONOMIC ANALYSIS	0.50	5.4	0.0	MAIZE	WHEAT
1588 ANALYSIS OF RESEARCH PRODUCTIVITY	0.12	8.3	0.0	MAIZE	WHEAT
1589 ASSESSMENT OF TRAINING NEEDS	0.12	9.1	0.0	MAIZE	
1590 ASSESSMENT OF TRAINING NEEDS	0.25	9.1	0.0	MAIZE	WHEAT
1591 PRODUCTION OF TRAINING MATERIALS	0.50	9.2	0.0	MAIZE	
1592 PRODUCTION OF TRAINING MATERIALS	1.31	9.2	0.0	MAIZE	WHEAT
1593 PRODUCTION TRAINING	1.40	9.3	0.0	MAIZE	WHEAT
1594 PRODUCTION TRAINING	0.50	9.3	0.0	MAIZE	
1595 PRODUCTION TRAINING	0.60	9.3	0.0	MAIZE	
1596 PRODUCTION TRAINING	0.21	9.3	0.0	WHEAT	
1597 PRODUCTION TRAINING	0.40	9.3	0.0	MAIZE	WHEAT

1598 PRODUCTION TRAINING	4.81	9.3	0.0	MAIZE	WHEAT
1599 ADVISORY NARS	1.00	10.2	0.0	MAIZE	
1600 ADVISORY NARS	0.25	10.2	0.0	MAIZE	
1601 ADVISORY NARS	0.30	10.2	0.0	MAIZE	
1602 ADVISORY NARS	0.75	10.2	0.0	MAIZE	WHEAT
1603 WORKSHOP SEMINAR	0.50	12.1	0.0	MAIZE	
1604 WORKSHOP SEMINAR	0.10	12.1	0.0	MAIZE	
1605 WORKSHOP SEMINAR	1.25	12.1	0.0	MAIZE	WHEAT
CIP					
1606 REGIONAL RESEARCH AND TRAINING FOR TROPICAL AFRICA REGION	0.62	10.2	10.3	POTATO	
IBPGR					
1607 EQUIPMENT FOR GENE BANKS	0.15	1.0	0.0		
1608 COLLECTION AND CHARACTERIZATION OF WILD VIGNA	1.50	1.0	0.0	WINGED BEAN	
ICRISAT					
1609 IMPROVEMENT OF FINGER MILLET FOR YIELD AND FOOD QUALITY	0.93	3.1	0.0	MILLET	
1610 GROUNDNUT BREEDING FOR HIGH YIELD AND DISEASE RESISTANCE	1.20	3.1	0.0	GROUNDNUT	
1611 DEVELOPING DIVERSE AND VARIABLE POPULATIONS FOR SADCC REG.	0.69	3.1	0.0	SORGHUM	
1612 IMPROVING SORGHUM FOR HIGH, STABLE YIELD AND ADAPTATION	1.38	3.1	3.2	SORGHUM	
1613 SCREENING/EVALUATING SORGHUM & MILLET FOR RESISTANCE TRIGA	0.69	3.1	3.2	SORGHUM	MILLET
1614 IMPROVEMENT OF PEARL MILLET FOR YIELD AND AGRONOMIC TRAITS	1.61	3.1	3.2	MILLET	
1615 SCREENING MILLET FOR DISEASE RESISTANCE IN THE SADCC REGION	0.69	3.2	0.0	MILLET	
1616 PATHOLOGY AND EPIDEMIOLOGY OF SORGHUM LEAF BLIGHT	0.23	3.2	0.0	SORGHUM	
1617 SCREENING SORGHUM FOR DISEASE RESISTANCE IN SADCC REGION	0.69	3.2	0.0	SORGHUM	
1618 ECOLOGY OF VECTOR AND VIRUSES OF ROSETTE DISEASE	0.36	3.2	0.0	GROUNDNUT	
1619 SCREENING FOR RESISTANCE TO ROSETTE DISEASE	0.36	3.2	0.0	GROUNDNUT	
1620 SCREENING FOR RESISTANCE TO EARLY LEAF SPOT	0.47	3.2	0.0	GROUNDNUT	
IFPRI					
1621 POLICY ISSUES FOR LONG-TERM GROWTH IN FERTILIZER USE IN E AF	2.60	8.1	9.4		
1622 SERVICE PROVISION'S IMPACT ON AGR AND RURAL DEV. IN ZIMBABWE	2.00	8.2	8.3		
1623 SCOPE OF REGIONAL COOPERATION IN FOOD SECURITY AMONG S&E AFR	0.11	8.2	12.3		
1624 CONFERENCE ON ACCELERATING AGRICULTURAL GROWTH IN SSA	0.20	12.1	12.3		
IITA					
1625 BREEDING FOR MID-ALTITUDE ECOLOGIES AND VARIETY TESTING	3.12	3.1	0.0	MAIZE	
1626 REGIONAL CROP IMPROVEMENT AND TESTING ZIMBABWE	4.73	3.1	0.0	COWPEA	SOYBEAN
1627 SOYBEAN UTILIZATION	1.54	6.2	0.0	SOYBEAN	
1628 NUTRITION AND CONSUMER ANALYSIS	0.17	7.1	0.0	CASSAVA	SOYBEAN MAIZE COWPEA
1629 NUTRITION AND CONSUMER ANALYSIS	0.07	7.1	0.0	RICE	SWEET POTATO YAM COCOYAM PLANTAIN
1630 ASSESSMENT OF TRAINING NEEDS TANZANIA	0.77	9.1	0.0	CEREAL CROPS	GRAIN LEGUMES ROOT & TUBER
				PLANTAIN	
1631 PRODUCTION OF TRAINING MATERIALS: TANZANIA	0.11	9.2	0.0	CEREAL CROPS	GRAIN LEGUMES ROOT & TUBER
				PLANTAIN	
ILCA					
1632 LIVESTOCK PRODUCTIVITY AND TRYPANOTOLERANT GROUP	7.20	4.1	4.0	LIVESTOCK	
1633 PANESA	3.20	11.0	0.0	FORAGES	
1634 SMALL RUMINANT AND CAMEL GROUP	3.00	11.0	10.3	LIVESTOCK	

ISNAR

1635 STUDY OF MANAGEMENT OF ON-FARM (3 OF 3)	5.50	5.4	0.0
1636 ZIMBABWE TRAINING (PLANNING AND PROGRAMMING)	2.25	9.1	9.5
1637 SOUTHERN AFRICA AG RES MANAGEMENT TRAINING PROJECT	1.30	9.1	9.5
1638 ZIMBABWE - REV OF STRUCTURE & ORGANIZATION	6.50	10.2	0.0

84.56

** REGION 1: EAST/SOUTH AFRICA

IBPGR

1639 COORDINATION OF FIELD OPERATIONS IN EAST AND SOUTHERN AFRICA	12.00	1.0	0.0
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ICRISAT

1640 PRODUCTION TRAINING	6.00	9.3	0.0	SORGHUM MILLET
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IITA

1641 SOIL AND WATER MANAGEMENT IN SEMI ARID CROPPING SYSTEMS	0.45	2.1	0.0	MAIZE COWPEA SORGHUM MILLET
1642 BREEDING FOR YIELD & DISEASES & INSECT PEST RESISTANCE	1.56	3.1	0.0	CASSAVA SWEET POTATO YAM
1643 BREEDING FOR MID-ALTITUDE ECOLOGIES AND VARIETY TESTING	3.75	3.1	0.0	MAIZE
1644 BREEDING FOR EARLY/INTERMEDIATE MATURITY & DROUGHT STRESS	0.45	3.1	0.0	MAIZE
1645 BREEDING FOR APHIDS, BRUCHIDS, DROUGHT & STRIGA RESISTANCE	0.68	3.1	0.0	COWPEA
1646 EVALUATION OF PEST AND ASSESSMENT OF YIELD LOSS	0.25	3.2	0.0	COWPEA
1647 IPM OF MILLIPEDES, ARMY WORMS, STEM BORERS, AND TERMITES	0.09	3.2	0.0	MAIZE
1648 SOIL COMPACTION, TILLAGE, DROUGHT, AND STRESS STUDIES	0.45	3.4	0.0	MAIZE
1649 INTERCROPPING, RELAY CROPPING & MANAGEMENT FACTOR STUDIES	0.34	3.4	0.0	COWPEA MAIZE SORGHUM MILLET
1650 AGRONOMIC TRIALS	0.05	3.4	0.0	CASSAVA SWEET POTATO YAM
1651 ASSESSMENT OF TRAINING NEEDS TANZANIA	1.12	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1652 PRODUCTION OF TRAINING MATERIALS: TANZANIA	0.16	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1653 COLLABORATIVE RESEARCH NETWORK - IKTP - AFRICA	0.50	11.0	0.0	RICE

IRRI

1654 RICE BREEDING	4.95	3.1	0.0	RICE
1655 TRAINING	1.20	9.3	9.4	RICE
1656 INTERNATIONAL RICE TESTING PROGRAM	9.90	11.0	0.0	RICE

43.90

** REGION 2: EQUATORIAL AFRICA

IITA

1657 BREEDING FOR YIELD & DISEASES & INSECT PEST RESISTANCE	1.56	3.1	0.0	CASSAVA SWEET POTATO YAM
1658 BIOLOGICAL CONTROL OF CASSAVA MEALYBUG & GREEN SPIDER MITES	12.62	3.2	0.0	CASSAVA
1659 PLANT NUTRITION - PHYSIOLOGY	1.12	3.3	0.0	RICE
1660 AGRONOMIC TRIALS	0.05	3.4	0.0	CASSAVA SWEET POTATO YAM
1661 INTERCROPPING, ROTATION AND SOIL FERTILITY	0.93	3.4	0.0	RICE
1662 STUDIES OF PLANT DENSITY, MULCHING & QUALITY OF PLANTING MATERIAL	0.47	3.4	0.0	YAM SWEET POTATO CASSAVA

1663 ASSESSMENT OF TRAINING NEEDS TANZANIA	1.25	9.1	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1664 PRODUCTION OF TRAINING MATERIALS: TANZANIA	0.18	9.2	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN
1665 TISSUE CULTURE TRAINING COURSE	0.39	9.4	0.0	CASSAVA SWEET POTATO COCOYAM YAM PLANTAIN
1666 NETWORKING	2.11	11.0	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER PLANTAIN BANANA
1667 COLLABORATIVE RESEARCH NETWORK - IKTP - AFRICA	0.50	11.0	0.0	RICE
IRRI				
1668 RICE BREEDING	5.10	3.1	0.0	RICE
1669 TRAINING	1.20	9.3	9.4	RICE
1670 INTERNATIONAL RICE TESTING PROGRAM	10.20	11.0	0.0	RICE
ISNAR				
1671 WEST AFRICA AGRICULTURAL RESEARCH REVIEW	2.12	8.1	8.3	
	39.80			
** REGION 3: HUMID WEST AFRICA				
IBPGR				
1672 COORDINATION OF FIELD OPERATIONS IN WEST AFRICA	6.00	1.0	0.0	
IITA				
1673 SOIL AND WATER MANAGEMENT IN SEMI ARID CROPPING SYSTEMS	0.45	2.1	0.0	MAIZE COWPEA SORGHUM MILLET
1674 BREEDING MAIZE FOR RESISTANCE TO DISEASES INSECTS PESTS/WEED	27.90	3.1	0.0	MAIZE
1675 VARIETAL IMPROVEMENT - IRON TOXICITY	2.40	3.1	0.0	RICE
1676 BREEDING FOR EARLY/INTERMEDIATE MATURITY & DROUGHT STRESS	0.45	3.1	0.0	MAIZE
1677 TISSUE CULTURE RESEARCH AND PHYSIOLOGY	6.72	3.1	0.0	PLANTAIN BANANA
1678 BREEDING FOR APHIDS, BRUCHIDS, DROUGHT & STRIGA RESISTANCE	0.68	3.1	0.0	COWPEA
1679 MONITORING, ASSESSMENT & CONTROL OF INSECTS, DISEASES & WEEDS	1.10	3.2	0.0	RICE
1680 EVALUATION OF PEST AND ASSESSMENT OF YIELD LOSS	0.25	3.2	0.0	COWPEA
1681 IPM OF MILLIPEDES, ARMY WORMS, STEM BORERS, AND TERMITES	0.09	3.2	0.0	MAIZE
1682 BIOLOGICAL CONTROL OF CASSAVA MEALYBUG & GREEN SPIDER MITES	12.37	3.2	0.0	CASSAVA
1683 PLANT NUTRITION - PHYSIOLOGY	1.19	3.3	0.0	RICE
1684 INTERCROPPING, RELAY CROPPING & MANAGEMENT FACTOR STUDIES	0.34	3.4	0.0	COWPEA MAIZE SORGHUM MILLET
1685 STUDIES OF PLANT DENSITY, MULCHING & QUALITY OF PLANTING MATERIAL	0.40	3.4	0.0	YAM SWEET POTATO CASSAVA
1686 SOIL COMPACTION, TILLAGE, DROUGHT, AND STRESS STUDIES	0.45	3.4	0.0	MAIZE
1687 INTERCROPPING, ROTATION AND SOIL FERTILITY	0.75	3.4	0.0	RICE
1688 MAINTENANCE OF SOIL FERTILITY INTERCROPPING & CROP ROTATION	2.50	5.1	0.0	RICE
1689 ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	7.56	5.4	0.0	CASSAVA MAIZE COWPEA SOYBEAN
1690 ROLE OF WOMEN IN AGRICULTURAL PRODUCTION SYSTEMS	1.89	5.4	0.0	RICE YAM COCOYAM SWEET POTATO PLANTAIN
1691 STUDIES ON STORAGE TECHNOLOGY	0.09	6.1	0.0	YAM
1692 VILLAGE LEVEL STUDIES OF PROCESSING	0.50	6.2	0.0	SOYBEAN CASSAVA
1693 AMYLASE, COOKING TIME, GELATINIZATION AND PROCESSING	9.00	6.2	0.0	RICE
1694 AMYLASE, COOKING TIME, GELATINIZATION AND PROCESSING	1.34	6.2	0.0	RICE
1695 MARKET AND CONSUMER STUDIES	1.80	6.4	0.0	CASSAVA MAIZE COWPEA RICE
1696 MARKET AND CONSUMER STUDIES	0.20	6.4	0.0	SOYBEAN SWEET POTATO YAM COCOYAM PLANTAIN
1697 NUTRITION AND CONSUMER ANALYSIS	0.15	7.1	0.0	RICE SWEET POTATO YAM COCOYAM PLANTAIN

1698 NUTRITION AND CONSUMER ANALYSIS	0.35	7.1	0.0	CASSAVA SOYBEAN MAIZE COWPEA
1699 POST GRADUATE AND SPECIALIZED COURSES	6.82	9.4	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
1700 NETWORKING	0.88	11.0	0.0	PLANTAIN
1701 COLLABORATIVE RESEARCH NETWORK - IKTP - AFRICA	0.50	11.0	0.0	CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
				PLANTAIN BANANA
				RICE
IRRI				
1702 RICE BREEDING	4.95	3.1	0.0	RICE
1703 TRAINING	1.20	9.3	9.4	RICE
1704 INTERNATIONAL RICE TESTING PROGRAM	9.90	11.0	0.0	RICE
ISNAR				
1705 WEST AFRICA AGRICULTURAL RESEARCH REVIEW	2.06	8.1	8.3	
WARDA				
1706 PLANT GENETIC RESOURC.:COLLECT.,CHARACTERIZ.,&CONSERVATION	15.00	1.0	0.0	RICE
1707 GERMPLASM ENHANC:T:PLANT BREED./VARIET IMPROVT/INTERNAT.TEST.	29.00	3.1	0.0	RICE
1708 TRAINING COURSES: RICE PRODUCTION SPECIALIST	5.00	9.0	0.0	RICE
1709 POST-HARVEST TECHNOLOGY COURSE	1.50	9.0	0.0	RICE
1710 TRAINING COURSES: FARM EQUIPMENT	1.00	9.0	0.0	RICE
1711 ASSESSMENT OF TRAINING NEEDS	2.00	9.1	0.0	RICE
1712 PRODUCTION OF TRAINING MATERIALS	2.50	9.2	0.0	RICE
1713 DOCUMENTATION AND LIBRARY	8.00	12.2	0.0	RICE
1714 DISSEMINATION OF INFORMATION	4.00	12.3	0.0	RICE
	181.23			
** REGION 4: SEMI-ARID WEST AFRICA				
IBPGR				
1715 COORDINATION OF FIELD OPERATIONS IN WEST AFRICA	6.00	1.0	0.0	
IITA				
1716 SOIL AND WATER MANAGEMENT IN SEMI ARID CROPPING SYSTEMS	0.45	2.1	0.0	MAIZE COWPEA SORGHUM MILLET
1717 BREEDING MAIZE FOR RESISTANCE TO DISEASES INSECTS PESTS/WEED	31.00	3.1	0.0	MAIZE
1718 VARIETAL IMPROVEMENT - IRON TOXICITY	2.40	3.1	0.0	RICE
1719 BREEDING FOR EARLY/INTERMEDIATE MATURITY & DROUGHT STRESS	0.45	3.1	0.0	MAIZE
1720 REGIONAL CROP IMPROVEMENT AND TESTING NIGER	3.90	3.1	0.0	COWPEA
1721 BREEDING FOR APHIDS, BRUCHIDS, DROUGHT & STRIGA RESISTANCE	0.68	3.1	0.0	COWPEA
1722 MONITORING, ASSESSMENT & CONTROL OF INSECTS,DISEASES & WEEDS	1.10	3.2	0.0	RICE
1723 EVALUATION OF PEST AND ASSESSMENT OF YIELD LOSS	0.25	3.2	0.0	COWPEA
1724 IPM OF MILLIPEDES, ARMY WORMS, STEM BORERS, AND TERMITES	0.09	3.2	0.0	MAIZE
1725 PLANT NUTRITION - PHYSIOLOGY	1.19	3.3	0.0	RICE
1726 SOIL COMPACTION, TILLAGE, DROUGHT, AND STRESS STUDIES	0.45	3.4	0.0	MAIZE
1727 INTERCROPPING,RELAY CROPPING & MANAGEMENT FACTOR STUDIES	0.34	3.4	0.0	COWPEA MAIZE SORGHUM MILLET
1728 MAINTENANCE OF SOIL FERTILITY INTERCROPPING & CROP ROTATION	2.50	5.1	0.0	RICE
1729 STUDIES ON STORAGE TECHNOLOGY	0.08	6.1	0.0	YAM
1730 COLLABORATIVE RESEARCH NETWORK - IKTP - AFRICA	0.50	11.0	0.0	RICE

ISNAR

1731 WEST AFRICA AGRICULTURAL RESEARCH REVIEW

2.06

8.1

8.3

WARDA

1732 PLANT GENETIC RESOURC.:COLLECT.,CHARACTERIZ.,&CONSERVATION
 1733 GERMPLASM ENHANC:T:PLANT BREED./VARIET IMPROVT/INTERNAT.TEST.
 1734 TRAINING COURSES: FARM EQUIPMENT
 1735 TRAINING COURSES: RICE PRODUCTION SPECIALIST
 1736 POST-HARVEST TECHNOLOGY COURSE
 1737 ASSESSMENT OF TRAINING NEEDS
 1738 PRODUCTION OF TRAINING MATERIALS
 1739 DOCUMENTATION AND LIBRARY
 1740 DISSEMINATION OF INFORMATION

15.00

1.0

0.0

RICE

29.00

3.1

0.0

RICE

1.00

9.0

0.0

RICE

5.00

9.0

0.0

RICE

1.50

9.0

0.0

RICE

2.00

9.1

0.0

RICE

2.50

9.2

0.0

RICE

8.00

12.2

0.0

RICE

4.00

12.3

0.0

RICE

121.44

** REGION 5: EAST AND CENTRAL AFRICA

IITA

1741 SOIL AND WATER MANAGEMENT IN SEMI ARID CROPPING SYSTEMS
 1742 BREEDING FOR APHIDS, BRUCHIDS, DROUGHT & STRIGA RESISTANCE
 1743 BREEDING FOR EARLY/INTERMEDIATE MATURITY & DROUGHT STRESS
 1744 IPM OF MILLIPEDES, ARMY WORMS, STEM BORERS, AND TERMITES
 1745 EVALUATION OF PEST AND ASSESSMENT OF YIELD LOSS
 1746 INTERCROPPING,RELAY CROPPING & MANAGEMENT FACTOR STUDIES
 1747 SOIL COMPACTION, TILLAGE, DROUGHT, AND STRESS STUDIES
 1748 ASSESSMENT OF TRAINING NEEDS TANZANIA

0.45

2.1

0.0

MAIZE COWPEA SORGHUM MILLET

0.68

3.1

0.0

COWPEA

0.45

3.1

0.0

MAIZE

0.09

3.2

0.0

MAIZE

0.25

3.2

0.0

COWPEA

0.34

3.4

0.0

COWPEA MAIZE SORGHUM MILLET

0.45

3.4

0.0

MAIZE

1.25

9.1

0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1749 PRODUCTION OF TRAINING MATERIALS: TANZANIA

0.18

9.2

0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1750 RESEARCH PRODUCTION AND UTILIZATION COURSE: TANZANIA

0.20

9.3

0.0

ROOT & TUBER COWPEA RICE SOYBEAN

IRRI

1751 TRAINING

0.40

9.3

9.4

RICE

4.74

** REGION 6: ALL SUB-SAHARAN AFRICA

CIAT

1752 COLLECTION/TYPING BIOLOGICAL CONTROL AGENTS FOR CASSAVA MITE

3.00

3.2

0.0

CASSAVA

ICRISAT

1753 INTERNATIONAL TESTING AND COOPERATION
 1754 INTERNATIONAL TESTING AND COOPERATION
 1755 PRODUCTION TRAINING

6.00

3.1

3.2

MILLET

9.60

3.1

3.2

SORGHUM

52.00

9.3

0.0

MILLET SORGHUM GROUNDNUT PIGEONPEA
CHICKPEA

1756 POSTGRADUATE AND SPECIALISED RESEARCH TRAINING

2.00

9.4

0.0

MILLET SORGHUM GROUNDNUT PIGEONPEA
CHICKPEA

IFPRI

1757 PRIORITIES FOR AGRICULTURAL RESEARCH

6.00

8.1 12.3

IITA

1758 REGENER.&CONSERV. ROOT+TUBER CROPS THROUGH TISSUE CULTURE.

1.52

1.0 0.0

CASSAVA YAM SWEET POTATO COCOYAM

1759 GERMPLASM COLLECTION, CONSERVATION EVALUATION AND RESEARCH

6.21

1.0 0.0

COWPEA RICE SOYBEAN BAMBARA GINUBY/MINOR
LEGUMES

1760 UPLAND WATER CONSERVATION

1.84

2.1 0.0

MAIZE COWPEA RICE CASSAVA SOYBEAN

1761 LAND CLEARING AND EROSION CONTROL

3.56

2.2 0.0

MAIZE COWPEA CASSAVA RICE

1762 SOIL MANAGEMENT TO INCREASE PRODUCTIVITY

1.73

2.2 0.0

MAIZE CASSAVA COWPEA RICE YAM

1763 AGROECOLOGICAL CHARACTERIZATION

2.40

2.4 0.0

MAIZE CASSAVA COWPEA RICE YAM

1764 DEVELOPMENT OF IMPROVED BREEDING MATERIALS

8.26

3.1 0.0

SOYBEAN

1765 PLANT IMPROVEMENT/INTERNATIONAL TESTING

1.04

3.1 0.0

COWPEA

1766 PLANT IMPROVEMENT / INTERNATIONAL TESTING

0.80

3.1 0.0

SOYBEAN

1767 REGIONAL CROP IMPROVEMENT AND TESTING TANZANIA

6.51

3.1 0.0

COWPEA SOYBEAN

1768 DEVELOPMENT OF IMPROVED BREEDING MATERIALS

8.99

3.1 0.0

COWPEA

1769 BREEDING FOR YIELD, DISEASES AND INSECT RESISTANCE

5.54

3.1 0.0

CASSAVA YAM SWEET POTATO COCOYAM

1770 BREEDING AND VARIETAL IMPROVEMENT

13.75

3.1 12.1

RICE

1771 STUDIES OF VIRUS DISEASES OF FOOD CROPS

6.60

3.2 0.0

GRAIN LEGUMES CEREAL CROPS ROOT & TUBER
PLANTAIN

1772 PLANT PROTECTION

1.71

3.2 0.0

COWPEA SOYBEAN

1773 INTEGRATED VEGETATION MANAGEMENT

6.75

3.2 0.0

MAIZE CASSAVA RICE COWPEA SOYBEAN

1774 IPM IDENTIFIC. ASSESSMT.OF PLANT DISEASES,INS.PESTS NEMATOD.

1.31

3.2 0.0

CASSAVA YAM SWEET POTATO

1775 BIOLOGICAL NITROGEN FIXAT. NUTRIENT RECYCL.&FERTILIZ.EFFICI.

12.10

3.3 0.0

COWPEA SOYBEAN MAIZE CASSAVA FALLOW
SPECIES

1776 CROP PRODUCTIVITY AND MANAGEMENT

4.12

3.4 0.0

PLANTAIN BANANA

1777 DEVELOPMENT OF TECHNOLOGY FOR SUSTAINABLE CROP YIELDS

8.85

3.4 0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1778 PLANT MATERIAL PRODUCT. BY TISSUE CULTUR.&OTHER METHODS

1.86

3.5 0.0

CASSAVA YAM SWEET POTATO COCOYAM

1779 BIOCHEMICAL ASPECTS & NUTRITIONAL QUALITY STUDIES

0.17

5.2 0.0

CASSAVA YAM SWEET POTATO

1780 SMALL FARM MECHANIZATION

7.34

5.3 0.0

MAIZE COWPEA CASSAVA RICE

1781 RICE STORAGE RESEARCH

0.50

6.1 0.0

RICE

1782 ASSESSMENT OF TRAINING NEEDS: IBADAN

2.12

9.1 0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1783 EDITING, PRODUCING GROUP COURSE TRAINING MATERIALS-IBADAN

2.49

9.2 0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1784 PRODUCTION OF TRAINING MATERIAL

0.70

9.2 0.0

RICE

1785 RESEARCH, PRODUCTION AND UTILIZATION COURSE

5.05

9.3 0.0

COWPEA SOYBEAN

1786 RESEARCH AND PRODUCTION COURSE

1.96

9.3 0.0

RICE

1787 RESEARCH & PRODUCTION TRAINING COURSE

0.57

9.3 0.0

CASSAVA YAM SWEET POTATO COCOYAM

1788 RESEARCH AND PRODUCTION COURSE

1.12

9.3 0.0

MAIZE

1789 RESEARCH PRODUCTION AND UTILIZATION TRAINING

5.40

9.3 0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1790 RESEARCH PRODUCTION AND UTILIZATION COURSE, IBADAN

9.20

9.3 0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1791 POST-GRADUATE TRAINING

0.28

9.4 0.0

CASSAVA YAM SWEET POTATO COCOYAM

1792 POST-GRADUATE TRAINING AND VISITING SCIENTISTS

3.23

9.4 0.0

COWPEA SOYBEAN

1793 POST-GRADUATE TRAINING AND VISITING SCIENTISTS

3.68

9.4 0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1794 SPECIALIZED RESEARCH TRAINING: IBADAN

1.67

9.4 0.0

CEREAL CROPS GRAIN LEGUMES ROOT & TUBER
PLANTAIN

1795 POST-GRADUATE TRAINING	2.00	9.4	0.0	MAIZE		
1796 POST-GRADUATE TRAINING	0.40	9.4	0.0	RICE		
1797 TRAINING ON VIRUS DISEASES OF FOOD CROPS	0.60	9.4	0.0	GRAIN LEGUMES	CEREAL CROPS	ROOT & TUBER
				PLANTAIN		
1798 DOCUMENTATION AND LIBRARY	5.99	12.2	0.0	CEREAL CROPS	GRAIN LEGUMES	ROOT & TUBER
				PLANTAIN		
1799 DISSEMINATION OF INFORMATION MATERIALS	21.17	12.3	0.0	CEREAL CROPS	GRAIN LEGUMES	ROOT & TUBER
				PLANTAIN		
ILCA						
1800 LIVESTOCK ECONOMICS	40.00	8.2	5.4	LIVESTOCK		
1801 TRYPANOTOLERANT NETWORK	10.80	11.0	0.0	LIVESTOCK		
1802 TRYPANOTOLERANT NETWORK	1.20	11.0	0.0	LIVESTOCK		
1803 AFRICAN RESEARCH NETWORKS FOR AGRICULTURAL BY-PRODUCTS	12.00	11.0	0.0			
1804 AFRICAN LIVESTOCK POLICY ANALYSIS NETWORK	12.00	11.0	12.3	LIVESTOCK		
ILRAD						
1805 HEADQUARTERS RESEARCH ON TRYPANOSOMIASIS AND THEILERIOSIS	480.00	4.1	0.0	LIVESTOCK		
1806 HEADQUARTERS TRAINING	50.00	9.0	0.0	TRYPANOSOMIASIS	THEILERIOSIS	
ISNAR						
1807 IITA FARMING SYSTEMS REVIEW/STRATEGIC PLANNING	0.74	5.4	12.1			
1808 PREPARATION OF AFRICA STRATEGY PAPER	3.50	8.1	0.0			
1809 SPAAR GUIDELINES FOR REV OF NARS STRATEGIES	7.00	8.1	0.0			
	876.93					
*** Total ***	4746.87					